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UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF MICHIGAN
SOUTHERN DIVISION

Case No. 1:05-cv-3535
Hon. Richard Alan Enslen

JOEL GOLDMAN
Plaintiff,

v.

HEALTHCARE SYSTEMS MANAGEMENT
SYSTEMS, INC., et al.
Defendants.

EXPERT REPORT OF NORMAN MARON JACOBSON

Background and Experience

My background and experience are described in my Curriculum Vitae, Exhibit A to this Report.

More specifically, my duties at Custom Software, Inc. (CSI) included, among others, specifying, designing, developing, testing and documenting software systems; modifying and enhancing existing software systems; converting software systems to other languages and modifying them to function on other computers; and providing consultation and systems analysis services. After leaving CSI, for about five years I provided, and occasionally still provide, these services to clients as an independent consultant.

I have over 25 years of experience in the following areas:

- (1) in the writing of software;
- (2) in examining algorithms and formulas to determine their meaning and characteristics;

(3) in reading documents that convey complex, technical information about the function of computers and computer-based systems;

(4) in reading and studying computer programs and their source code to determine their function and actions, including for the purposes of modifying or enhancing the software's functionality or explaining its functionality to others;

(5) in examining source code to determine if one or more programs have been substantially copied from or influenced by other programs;

(6) in comparing the "look and feel" of program source code from one source to the "look and feel" of program source code from another source.

Remuneration

My rate for the time I spend on this matter is \$250.00 per hour.

Testimony and Depositions

In the past four years, I have testified at trial, deposition or arbitration in

(1) *Stephen M. Waltrip et al. v. Kevin B. Kimberlin et al.*, Case No. 01AS04979, Superior Court for the State of California in and for the County of Sacramento;

(2) *Amer Jneid et al. v. Tri Pole Corporation, Novell, Inc. et al.*, Case No. 02CC00182, Superior Court of the State of California for the County of Orange--Complex Civil Center;

(3) *Hosea v Pomona College*, Case No. BC297820, Superior Court of the State of California for the County of Los Angeles;

(4) *FonePay Corporation et al. v. Electronic Check Corporation et al.*, Case No. CV-01-7067LGB(PJWx), United States District Court for the Central District of California;

(5) *I-Tell Publishing, Inc. dba United Publishers Corporation, et al. v. Hartford Casualty Insurance Company, et al.*, Case No. SACV-99-841 DOC (EEEx), United States District Court for the Central District of California.

Publications

My publications of the last ten years are included in Exhibit A.

Documents and Programs Reviewed

The documents I relied upon in forming my opinions are

- (1) The information contained in the web site www.hmstn.com and in particular, the site's "About Us" and "Executive Bios" pages;
- (2) "Goldman Software History," a document Plaintiff prepared;
- (3) Greentree Consultants, Inc., T.H.I.S. Total Hospital Information Solutions ("the Greentree booklet");
- (4) Healthcare Management Systems, Inc. Monitor Health Information Management User's Manual, manual number HIM-1024, copyright 2001 ("the HMS manual");
- (5) "Patient Abstract Master File," a document Plaintiff prepared;
- (6) Form TX Copyright Registration for Goldman code created in 1979, its attached program listings, and its cover letter;
- (7) Form TX Copyright Registration for Goldman code created in 1997, its attached program listings, and its cover letter;
- (8) "Medical Records Admission Reports," "Medical Records Discharge Summary Reports," "Medical Records Discharge Detail," "Medical Records Files," and "Medical Records Subroutines," documents containing reports and program listings from Goldman's current medical records software

system, sent to be by Plaintiff's counsel on November 16, 2005 (collectively "the provided Goldman reports");

(9) Numerous Goldman and Healthcare Management Systems, Inc. ("HMS") computer programs at issue in this case that were placed on deposit with the firm Source Harbor and converted to standard text format. Mr. Goldman provided me a CD of these converted programs ("the CD"). The programs were placed into two groups (folders). The *Goldman_program* folder contained Goldman programs in the folders *Prog_1979-1988*, *Prog_1989-1997*, *Prog_Current* and *QDDSSRC*. The *hms_program* folder contains HMS programs in the folders *mrdds*, *qddssrc* and *qrpglesrc*.

Other Information Considered

Except as otherwise noted, the following information was provided by the plaintiff or plaintiff's attorneys.

Joel Goldman wrote the first version of his hospital information computer software system in 1979. That system included a subsystem to store information on and produce reports containing patient information, physician information, and related information; that is, a medical records reporting system. Goldman designed the software system to run on IBM System/34 and System/36 computers. He revised and updated this software through approximately 1988. A number, but not all, of the programs that comprised this early version of his medical records system are included in the *Prog_1979-1988* folder on the CD. I refer to this early version of Goldman's medical records system as "Goldman 1979."

Goldman says that in 1983 he provided a copy of Goldman 1979 source code to Mr. Tom Givens. By 1984, Mr. Givens co-founded Healthcare Management Systems, Inc. This firm currently markets a software package that contains a medical records reporting subsystem. The programs that comprise the current version of this subsystem are in the *hms_program* folder of the CD. I refer to this subsystem as the "HMS system."

In 1989, Goldman revised the Goldman 1979 software to take advantage of certain features of the IBM AS/400 computer. A number, but not all, of the programs that comprise this version of the medical records portion of the system are in the *Prog_1989-1997* folder of the CD. I refer to this subsystem as "Goldman 1989."

Goldman states that, in 1997, he revised the AS/400 version of his system to allow for four-digit year fields to address the so-called "Y2K problem." That system has been revised and enhanced through the present. A copy of the medical records portion of that system is in the folder *Prog_Current* of the CD; I refer to it as "Goldman 1997." I refer to Goldman 1979, Goldman 1989 and Goldman 1997 collectively as "the Goldman software."

In 1989 and 1990, Goldman prepared a users manual (the Greentree booklet) which contains selected sample reports produced by the Goldman 1989 programs.

Based on my examination of the HMS manual, revision dates appear on each page of the manual that contains a sample report; these dates range from August, 2001 through July, 2004. The documentation for each report contains a reference to the program used to create it.

Based on my review of Goldman's copyright registrations, Goldman registered Goldman 1979 and Goldman 1997 with the U.S. Copyright Office in 2004.

Opinions

My opinions are based upon the information of which I am now aware. As new information emerges through investigation and discovery, I may supplement the opinions expressed here.

First Opinion: The layouts of many of the HMS reports are substantially similar to the layouts and formats produced by the Goldman software.

The Goldman software uses several different layouts for its reports; several reports typically share the same layout. This is also true for the HMS software. The two systems have in common at least six layouts; for ease of reference, I have called them Executive Summary, Patient Categories, Diagnosis/Operative Expense Detail, Patient Diagnosis Detail, Daily Table and Monthly Table (collectively "the Goldman layouts").

A simple visual comparison shows that each of these six layout types is substantially similar in the Goldman software and the HMS software. For example, the Executive Summary layout used in the Goldman system is substantially similar to the Executive Summary in the HMS system. To illustrate this similarity, Exhibit B pairs the six layout types from i) the HMS manual, and ii) the Greentree booklet or printouts of the provided Goldman reports.

For each 1979, 1989 and 1997 Goldman program that produces a medical records report, I examined the Greentree booklet, the provided Goldman reports and the Goldman software to determine the layout for that report. The results for

1979 and 1997 Goldman software are detailed in two charts in Exhibit C, labeled "Goldman 1979 Medical Records Report Programs" and "Goldman 1997 Medical Records Report Programs," respectively. For the 1989 Goldman software, I prepared the chart "Goldman 1989 Report Samples (the Greentree booklet)" showing report layouts based on my examination of the reports in the Greentree booklet. Another chart in Exhibit C, entitled "Substantially Similar Reports and the Programs that Produce Them," classifies the layout type for each HMS medical records program report found in the HMS software and for each reporting program referred to by the reports contained in the HMS manual.

I then tallied the number of reports in the HMS system that uses each format. If an HMS report differed only in that it gathered data for the year to date rather than the month to date, I did not count the year-to-date report as a separate report in the tally. The tallies are

Daily Table Layout	3
Diagnostic/Operative Expenses Detail	18
Executive Summary	2
Monthly Table	3
Patient Categories	5
Patient Diagnosis Detail	1

The HMS reports having substantially similar layouts to the Goldman layouts comprise about 29.1% of the 110 reports in the HMS software that produce medical records reports. They comprise about 32.7% of the 98 medical records reports appearing in the HMS manual. Reports appearing more than once in the HMS manual were only counted once. Reports for the HMS DRG and APC

subsystems in the HMS manual were not counted, as they are subsystems distinct from the HMS the medical records reporting subsystem.

Second Opinion: A significant number of the HMS programs that produce HMS medical record reports contain program code that is substantially similar to the code used in the Goldman software.

My test for substantial similarity was conservative. Before concluding that HMS source code was substantially similar to Goldman source code, the HMS program had to produce a report that had substantially the same layout as a Goldman report, produce substantially the same information including calculated results, and utilize a similar approach in the underlying program code that would have been highly unlikely to have occurred simply because two programmers were trying to solve the same problem.

I noted particular features present in both the HMS and Goldman versions of the program that are highly unlikely to have occurred by chance:

a) Similar field names in the patient abstract master files. Both the HMS and Goldman systems utilize a master patient file (and both files have the same name). Although one would expect some commonality in the two files, as both indeed store patient information, the similarity present in the field names is beyond what one would expect to find if two independent parties created these files. Although the HMS patient master file contains more fields than the Goldman patient file, the comments in the HMS ABSTRACT program show that many of these fields were added over time, after the original patient master file was created. Exhibit D includes a copy of "Patient Abstract Master File," which describes the Goldman system's patient master file, and the HMS patient master

file as it appears in the HMS program ABSTRACT. In each document similar variables are checked ("✓").

b) Variable Names. Both programs frequently employ the same or very similar, yet unusual, variable names.

c) Program Comments. Both programs frequently use very similar or the same phrasing in program comments.

d) Unusual Labeling in Report Columns. Both systems often use the same unusual labels or abbreviations in report column headings, for example, "PER/CENT" rather than "PERCENT."

e) Highly Unusual and Complicated Geometric Mean Algorithm. Both programs use the same very unusual algorithm to compute a geometric mean.

f) Inconsistent Number of Characters to Form a Line. For both the Goldman and HMS programs, sometimes the code to produce the last part of a line on the report contains exactly the number of characters needed to bring the line to column 132, the column at which the line is to end. However, sometimes the code for a report will contain more characters than are needed to bring the line to column 132 (when run, however, the program still only prints out to column 132). I detected no pattern as to when one approach or the other is used. Yet, there are HMS report programs where the number of characters used to complete a line to column 132 are exactly the same for corresponding lines in the Goldman program that produces the same report. The odds of this happening by chance are exceedingly small.

g) Identical Labels. RPG, the computer language employed by both the Goldman and HMS subsystems, uses certain labels to control program flow

and actions. These labels can be given any value the programmer desires. Yet, several of the corresponding programs use the same values for these labels in the same locations in the code.

h) Similar Program Names. An HMS program will often have a name that ends in the same number as its corresponding program in the Goldman software. These numbers are not mandated by any third party and it is unlikely this naming correspondence occurred by chance; more likely it occurred because the one program was based upon the other.

The "Substantially Similar Reports and the Programs that Produce Them" chart in Exhibit C shows which HMS programs have substantially similar programs in the 1979, 1989 or 1997 Goldman software sets. Again, my test for "substantially similar" programs is stringent. To illustrate, Exhibit E contains a copy of HMRAE7, the Goldman 1979 program that produces the Goldman Year-to-Date Physician Summary Report and a copy of the HMS program Year-to-Date Physician Summary Report. I concluded that these programs are substantially similar based on the similarity of the lines and sections that I have marked by bold print.

Many experts believe that two programs are substantially similar if they produce a similar appearing report by similar means. If that test of substantially similar were used, the number of substantially similar programs would increase to the number of HMS reports with layouts substantially similar to the Goldman layouts, as discussed under Opinion One, because each HMS program that produces a such a report would have code within it necessary to achieve that similar layout.

Third Opinion: The patient master file is fundamental to the operation of the HMS software.

Patient data is obviously necessary to produce reports in a medical records system. The HMS manual lists the patient master file (ABSTRACT) as used in virtually every HMS medical records report. Thus, the patient master file is an essential part of the HMS medical records system. Were the patient master file to be unavailable to the HMS medical records system, it would be virtually non-functional.

Fourth Opinion: Assuming that HMS or Mr. Givens had access to the Goldman software, HMS or Mr. Givens (or an agent or agents for one or both) derived significant portions of the HMS software from the Goldman 1979 software.

The similarities noted between the HMS and Goldman systems are substantial and pervasive and could not have resulted from chance. Therefore, the similarity can only be explained by a transfer of information from one system to the other, or to both systems from a third party. I have seen nothing to suggest that these two systems were derived from a third source, nor seen anything to suggest that the Goldman software was derived from the HMS software. However, the plaintiff alleges that Mr. Givens had access to the 1979 Goldman software. If this allegation is true, I conclude that the HMS medical records system was derived from Goldman software.

Several observations support this conclusion, including, first, that all authoring and revision dates in the HMS software are in or after 1983; see the "HMS Medical Records Report Programs" chart, Exhibit C.

Second, all revision dates given for the documentation of reports in the HMS manual are after 1983.

Third, the "look and feel" of source code ordinarily differs between authors of source code. Yet, the HMS system's code has the "look and feel" of the Goldman software for those programs that produce reports with substantially similar report layouts. Conversely, the HMS code has a markedly different "look and feel" for those programs that produce reports that do not appear the same as those in the Goldman system.

Fourth, many of the particular "matches" that occur in sections of the HMS and Goldman systems' code are so unusual or similar that the only reasonable explanation is that the original code for those sections was copied from the same source, or one system's sections were copied from sections of the other system.

Fifth, the degree of matching of the two systems' patient abstract master files strongly indicates that one patient master file was derived from the other.

Assuming Givens or HMS had access to the Goldman software in 1983, I conclude that the HMS report layouts and report programs that show substantial similarity to Goldman reports and programs were derived from those Goldman reports and programs and that the HMS patient abstract master file was derived from the Goldman patient abstract master file.

Respectfully submitted,

Dated: 11/30/2005



Norman Jacobson

EXHIBIT A

Curriculum Vitae

Norman Jacobson

University of California
Donald Bren School of Information and Computer Sciences
444 Computer Science Building
Irvine, CA 92697-3425
(949) 824-7300
jacobson@ics.uci.edu

Education

- 1977 California State Teaching Clear Credential in Mathematics
- 1976 Bachelor of Science, Information and Computer Science
Bachelor of Arts, Mathematics
University of California, Irvine

Teaching

- 2005 – present Senior Lecturer (Continuing)
1988 – 2005 Lecturer, Continuing
1978 –1988 Lecturer
Donald Bren School of Information and Computer Sciences, UCI

Courses taught; course curricula developed, solely or as lead committee member, are marked with an asterisk:

- ICS 1A - Programming and Problem Solving (for non-majors)
- * ICS 1P - Introduction to Computing (non-majors)
- * ICS 1S - Introduction to Computing for Social Science Majors
- ICS10A - Information: Presentation and Representation
- * ICS 10B - Computer-Based Information Systems
- * ICS 21 - Introduction to Computer Science I (majors)
- * ICS 22 - Introduction to Computer Science II (majors)
- * ICS 23 - Fundamental Data Structures (majors)
- * ICS 23E - Fundamental Data Structures for Engineers
- ICS 52 - Systematic Software Construction
- * ICS 80 - Fundamentals of C++ Programming
- * ICS 80B - Ethical Issues in Computing & Computer Science
- * ICS 80J - Java for C++ Programmers
- * ICS 90 - Programming Methods and Languages
- ICS 125B - Project in Systems Design (formerly ICS 195)
- ICS 141 - Programming Languages
- ICS 162 - Formal Automata and Languages
- * ICS 183 - Data Processing Principles
- ICS 184 - File and Database Management
- ICS 185 - Project in Database Management
- ICS 193 - Individual and Organizational Factors in Computing

1998 – 2004 1980, 1982 – ‘89 (summers)	Instructor Summer Session, UCI 1998 – 2004, ICS 21 (5 times), ICS 23 (2) 1980, 1982 – ‘89, ICS 125B (1), 162 (2), 183 (3), 193 (1), 195 (2)
1996	Instructor Administrative and Business Systems, UCI In-house course to AB&S managers and supervisors in “Management Uses of Information Technology”
1994, ‘95, ‘97, ‘98 (summers)	Instructor Summer Institute in Computer Science * 1994, 1995, 1997, 1998, ICS 80N, Introduction to Computing * 1994, ICS 80P, Introduction to Problem Solving
1994 – 1996 (summers)	Instructor California Alliance for Minority Participation (CAMP) Summer Science Academy * 1996, Introduction to Programming (C++) * 1994 – 1996, Introduction to Problem Solving
1984	Instructor Administrative Computing Services, UCI In-house structured COBOL programming course for programming staff
1984	Lecturer Department of Electrical Engineering, UCI * EE231 – Software Engineering
1981 – 1983	Instructor University Extension Program in Systems Analysis, UCI * 1983, Business Systems Design * 1983, Introduction to Business Systems Analysis * 1982, Working with Users: The Analyst as Consultant
1979 – 1980	Instructor in Computer Science Summer Science Program, UCI

Professional Activities

1995 – present	Typographer and Copy Editor Responsible for typography, graphics, hieroglyph construction and copyediting of the in-progress book <i>A Dictionary of Egyptian Pharaohs: Predynastic through the Twentieth Dynasty</i> by Darrell D. Baker; to be published by The Rubicon Press, London.
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- 1984 – present Expert Witness
Educate and assist legal counsel and others in legal disputes, including civil, patent, copyright and trade secret cases, where computing or software systems issues are central. Served as an expert in over 40 cases; deposed in several of them; have testified in U.S. Tax, U.S. District & California Superior Courts and at arbitration proceedings. Appointed special advisor by U.S. District Court, Central District of California, The Hon. Dickran Tevrizian.
- 1995 – 2003 Systems Analysis & Software Consultant
Systems analysis and design; software development; data conversion; training.
- 1982 – present Reviewer of computer science textbook manuscripts
Addison Wesley; McGraw-Hill; Prentice Hall; Franklin Beedle & Assoc.; Wiley & Sons; others
- 1979 – 1995 Vice President
Custom Software, Inc., Mission Viejo, CA
A consulting firm providing systems analysis and software development services. Clients to whom I directly provided services included
- Allergan, Medical Optics division
ARCO Corporate Library
Blue Cross of California
Body Accounting (personal fitness firm)
California Faculty Association
Coldwell Banker (commercial real estate division)
David Sales (auto parts wholesaler)
FLS Services (mortgage insurance services)
Interstate Electronics
Sheldon Greenfield, MD, UCLA School of Medicine
Maxicare (HMO)
Medisec (medical billing)
Prudential Real Estate Affiliates
Sheldon Solomon Accountancy Corp.
So. Calif. End Stage Renal Disease Council
St. Paul Fire and Marine Insurance Company
Systonetics (project management software)
TRW Mortgage Systems (home loan processing)
- 1977 – 1978 Programmer/Analyst
Office of the Vice Chancellor, UCI
- 1974 – 1985 Programmer
Office of Housing and Transportation, UCI
- 1975 – 1984 Coder; Sr. Code; Sr. ADP Analyst; Programmer Analyst III
Public Policy Research Organization (now CRITO), UCI

Teaching Awards

2004	Campus Village Professor of the Month (for January 2004)
2001	Project Prometheus (UCI Residents' Hall program) award for "recognition of your valuable contributions to first year students at UCI"
1999	UCI's "Celebration of Teaching" award for teaching excellence in information and computer science
1996	Golden Floppy Award
1991 – 1993	Awarded to the "best teacher in ICS" by vote of ICS majors
1995, 1996, 1999	Voted "The Outstanding Professor in Information and Computer Science" by the UCI senior class
1987	ASUCI Teach Evaluation and Course Handbook Outstanding Faculty in ICS, class under 50 students

Other Recognition

2004, 2005	Included in <u>Who's Who in American Education</u>
1999, 2000	Included in <u>Who's Who in Science and Engineering</u>
1997	Included in <u>Who's Who Among America's Teachers</u>
1995, 1996	Included in <u>Who's Who in American Education</u>
1991, 1992, 1993	Included in <u>Who's Who Among Rising Young Americans</u>
1974 – present	Certificates and letters of recognition for service to UCI
1972	Eagle Scout

Publications and Creative Works

2005	with Thomas A. Standish, "Using $O(n)$ ProxmapSort and $O(1)$ ProxmapSearch to Motivate CS2 Students, Part 1," <i>inroads</i> (formerly <i>SIGCSE Bulletin</i>), the journal of the ACM Special Interest Group in Computer Science Education (SIGCSE), to appear December 2005.
2005	with Thomas A. Standish, "Using $O(n)$ ProxmapSort and $O(1)$ ProxmapSearch to Motivate CS2 Students, Part 2," <i>inroad</i>), to appear June 2006.
2004	with Alex Thornton, "It is Time to Emphasize ArrayLists over Arrays in Java-Based First Programming Courses" <i>inroads</i> , vol. 35, no. 4 (December 2004).

- 2001 "A Method for Normalizing Students' Scores When Employing Multiple Graders," *inroads*, vol. 33, no. 4 (December 2001).
- 2000 "Using On-Computer Exams to Ensure Beginning Students' Programming Competency," *inroads*, vol. 32, no. 4, (December 2000).
- 1992 Crawley, J. Winston; McArthur, William G.; & Jacobson, Norman M. *Structured Programming Using THINK Pascal on the Macintosh*. Englewood Cliffs, New Jersey: Prentice-Hall.
- 1992 Jacobson, Norman M. *Instructor's Guide to Accompany "Structured Programming Using THINK Pascal on the Macintosh"*. Englewood Cliffs, New Jersey: Prentice-Hall.
- 1992 Review of *The Nurnberg Funnel: Designing Minimalist Instruction for Practical Computer Skill*. Social Science Computer Review, Winter 1992, 9(4).
- 1984 Lead writer and on-camera host of four half-hour "supplemental" episodes to the *New Literacy* TV series, covering BASIC programming. Broadcast for over 10 years.

Invited Presentations and Commentary

- 1998 Interviewed by, and quoted in, Irvine Spectrum News
"The Y2K Problem," appearing on page 1
- 1998 Invited Panelist
"Consumer Privacy Issues." 16th Annual Law Day Conference,
Constitutional Rights Foundation of Orange County
- 1997 Invited Panelist
"Internet Privacy Issues." 15th Annual Law Day Conference,
Constitutional Rights Foundation of Orange County
- 1995 Invited Presentation
"Through the Eyes of Scientists," a CAMP-sponsored conference
- 1994 Interviewed by, and quoted in, the Los Angeles Times
"Getting Multimedia Up and Running," appearing on page 1,
Business Section, Orange County Edition
- 1994 Invited Speaker
Career Development Conference, sponsored by American Indian
Science Institute in Computer Science
- 1993 Invited Presentation
College Motivation Program for High School and
Community College American Indian Students

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| 1992 | Interviewed by, and quoted in, Software Magazine
"Is Your LAN Data Secure," Client/Server Computing Special
Edition, May 1992 |
| 1990 | Invited Presentation
"Imaging Technology: Broad considerations of what it is and when
to use it." 18 th Annual Art Libraries Society of North America
Conference |
| 1985 | Invited Presentation
"Exploring the Establishment of a National Kidney Dialysis
Transplant Patient Database." Conference of End-Stage Renal
Disease Networks |

Service

Donald Bren School of Information and Computer Sciences

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| 2004 – present | Member ex officio, Undergraduate Policy Committee
Member, Marketing and Outreach Committee
Member, Lecturer Performance Review Committee |
| 2002 – present
1996 – 1998
1985 – 1995 | Faculty Articulation Officer |
| 2002 – 2005 | Standardized Major Articulation for Transfer (SMART) program
Creator; liaison to community colleges |
| 2001 – 2002 | Member, Computing Advisory Committee
Member, Computing and Network Policy Committee |
| 2001 | Member, Search and Selection Committee for Director of Computing
Member, Educational Policy Committee Task Force on Teaching
Assistant Issues |
| 2000 – present | Representative to the California State Intersegmental Major
Preparation Articulated Curriculum Project (IMPAC) |
| 2000 – 2001 | Member, Educational Policy Committee |
| 1989 – 2000 | Faculty Advisor, UCI Student Chapter of the ACM |
| 1992 – 1995 | Assistant Chair for Undergraduate Affairs |
| 1990 – 1995 | Member, Committee on Undergraduate Policy |

Other UCI entities

- | | |
|-------------|--|
| 2001 – 2003 | Panelist, Information Technology Panel, Physical Sciences Career Night |
|-------------|--|

1997 – 1998	Academic Advisor to Undecided / Undeclared Students Division of Undergraduate Education, UCI
1993	Member, Committee to Select Student Commencement Speakers
1992 – 1996	Grader, MATHCOUNTS regional & state competitions
1985 – 2001	Consulting systems analyst and programmer School of the Arts' Visual Resource Collection

External

1997 – 1998	Consultant, Education Technology Grant Amestoy Elementary School California Dept. of Education Technology Grant, \$22,925.00 over two years; grant was for equipment to provide computing to eight Amestoy classrooms. Assisted with grant proposal; consulted with principle investigators.
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EXHIBIT B

PATIENTS ADMITTED BY DOCTOR BY DAY

PHYSICIAN ADMITTING AND CENSUS

DATE-12/31/89

ADMISSION SUMMARY FOR

**HMRA70*

IN-PATIENT

PATIENTS ADMITTED BY DOCTOR BY DAY

DAILY OCCUPANCY RATES

	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
	28	29	34	34	36	36	33	27	28	29	35	32	31	26	24	28	34	35	36	35	29	22	18	18	20	23	24	26	31	26	26	893
	38*	39*	46*	46*	49*	49*	45*	36*	38*	39*	47*	43*	42*	35*	32*	38*	46*	47*	49*	47*	39*	30*	24*	24*	27*	31*	32*	35*	42*	35*	35*	39*
DOCTOR NAME	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
INVALID	4	2	3	1	2	4	2	1		6	2	1		4	2	3	1	1	3	2			2	2	4	1	3	5		3		64
BEARD, JERIEL MD					1	1	1		1			1																		1		6
GUENTHER, F C MD	1			2	1	3		1	1	1	2		3						1		1			1								18
CONRAD, JEROME MD	1								1		1				1					1	1							1				6
DESNOYERS, GAIL		2	2				2	1					2						2		1			1	1			1	2			17
HUXOL, ROBERT DO		1			1	1	2			1	1			1		4	3	1	1	3		1										21
FERRY, PATTI MD	1				2				2		1		2						1		1			1								11
POTTER, DARRELL J					1		1					1																				3
TRIEZENBERG, D MD	1		1				1					2			2				2									1	2	1		13
PUSCZAK, GEORGE B			2			1				1									1				1		1	3	1					11
RAMER, WILLIAM C						1								1		1								1								5
REID, SUSAM M DO		1	1	2	2											1	1	2							1	2						13
VANDEMARK, PETER	1	1	1			1			1	1	2		2					2	1			1	1	1	1							17
WOLSCHEGER, JOS	1	1		2	2					1	2		1				2	2				3	1		1	1	2	2	1	1		26
MEKARU, KATHRYN MD	2								1	2					1	2	1	1		2					1		1	2	2	1		19
GRAND TOTAL	12	8	9	8	10	14	8	4	7	11	13	2	13	6	4	13	7	9	12	9	3	5	4	8	7	5	10	10	8	8	3	250

EXPECTED SOURCE OF PAYMENTS

SUMMARY BY DOCTOR NAME

PAYMENT SOURCE	CARRY	ADMIT	DISCG	HOUSE	TOTAL	DAYS	DOCTOR NAME	PATIENTS	DAYS	TRANS	TOTAL	PER/CENT
MULTIPLE INSURANCE	1		1		1	2	BEARD, JERIEL MD	6	34	0	34	3.4
MEDICAID COINS		1	1		1	2	GUENTHER, F C MD	18	44	0	44	4.5
WORKMEN'S COMP I/P		1	1		1	1	CONRAD, JEROME MD	6	37	0	37	3.7
MEDICARE I/P	11	71	69	13	80	438	DESNOYERS, GAIL	17	34	0	34	3.4
MEDICAID I/P	6	48	50	4	53	161	HUXOL, ROBERT DO	21	95	0	95	9.6
BLUE CROSS I/P	5	35	37	3	39	142	PERRY, PATTI MD	11	22	0	22	2.2
COMMERCIAL I/P	41	36	5	41	124		POTTER, DARRELL J	3	13	0	13	1.3
SELF PAY I/P	1	6	6	1	7	22	TRIEZENBERG, D MD	13	27	0	27	2.7
SELF PAY O/P		1	1		1	1	PUSCZAK, GEORGE B	11	59	0	59	6.0
GRAND TOTAL	24	204	202	26	224	893	RAMER, WILLIAM C	5	29	0	29	2.9
							REID, SUSAN M DO	13	39	0	39	3.9
							VANDEMARK, PETER	17	99	0	99	10.0
							WOLSCHEGER, JOS	26	137	0	137	13.9
							MEKARU, KATHRYN, MD	19	45	0	45	4.6
							GRAND TOTAL	186	714	0	714	

MEDICARE OVER 65		MEDICARE UNDER 65		MEDICAID		DEATH STATISTICS		NEWBORN OCCUPANCY RATE		
PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	AVG%
70	384	10	54	24	46	4	14	46	95	34%

T O T A L H O S P I T A L I N P A T I E N T S

HIM
NAT201MENU: MONTHLY REPORT MENU
TITLE: Admission statistics reportMRMNTH
Page 20.2** MROA96 ** INPATIENT ADMISSION SUMMARY FOR EXAMPLE HOSPITAL
INPATIENT FOR DATE ENTERED 11/30/01PAGE 1
DATE 11/30/01

EXPECTED SOURCE OF PAYMENTS						SUMMARY BY ATTENDING PHYSICIAN									
PAYMENT SOURCE	CARRY	ADMIT	DISCG	HOUSE	DAYS	PHYSICIAN NAME	ADMISSIONS	DAYS	TRANS	TOTAL	PER/CENT				
MEDICARE	9	26	30	5	198	ABRAMSON MD KEEVAN	11	126	0	126	27.0				
MEDI-CAL	4	16	18	2	78	BROWN MD SANFORD	1	4	0	4	.9				
SELF PAY	1	11	8	4	96	BUCKERFIELD MD C	3	22	0	22	4.7				
INDUSTRIAL	2	1	3		7	DUMAS III MD FRED	3	42	0	42	9.0				
CMSP/MCMIP	2	1	2	1	20	EDWARDS MD JOHN	2	9	0	9	1.9				
INSURANCE	2	4	6		13	GOODMAN MD MICHAEL	2	7	0	7	1.5				
BLUE CROSS/BLUE SHLD		3	2	1	32	GUTNICK MD ERIC	8	33	0	33	7.1				
PPO INSURANCE	2	8	10		22	HAHN MD DONALD	2	22	0	22	4.7				
GRAND TOTAL	22	70	79	13	466	HUNIG MD JEFFERY	5	26	0	26	5.6				
						KRAUT MD JEFFREY	5	16	0	16	3.4				
						MAHON MD WILLIAM	9	14	0	14	2.2				
						SCHIFF MD DAVID C M	10	64	0	64	13.7				
						SWALLOW MD JAMES	5	43	0	43	9.2				
						THOMAS MD DON	4	38	0	38	8.2				
						GRAND TOTAL	70	466		466					
MEDICARE OVER 65						MEDICARE UNDER 65		MEDICAID NEWBORNS		DEATH STATISTICS		NEWBORN OCCUPANCY			
ADMISSIONS		DAYS		ADMISSIONS		DAYS		ADMISSIONS		DAYS		ADMISSIONS		DAYS	
25		185		1		13		5		9		10		15	

MROA96 INPATIENT ADMISSION SUMMARY FOR EXAMPLE HOSPITAL
INPATIENTPAGE 2
DATE 11/30/01

PATIENTS ADMITTED BY ATTENDING PHYSICIAN BY DAY FOR DATE ENTERED 11/30/01

DAILY OCCUPANCY RATES																																	
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL		
21	18	17	19	21	23	20	18	16	14	13	15	15	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	451		
39%	33%	31%	35%	39%	43%	37%	33%	30%	26%	24%	28%	28%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	24%	28%		
PHYSICIAN NAME		01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL
ABRAMSON MD KEEVAN		2	1	1	1	1						1		3	1																	11	
BROWN MD SANFORD											1																					1	
BUCKERFIELD MD C						1		1	1																							3	
DUMAS III MD FRED					1				1				1																			3	
EDWARDS MD JOHN						1			1																							2	
GOODMAN MD MICHAEL						2							1																			2	
GUTNICK MD ERIC			1				3		2		1			1																		8	
HAHN MD DONALD												1	1																			2	
HUNIG MD JEFFERY				1			1		1					1																		5	
KRAUT MD JEFFREY				1	1		1				1			1																		5	
MAHON MD WILLIAM		2		2		2			1		1			2																		9	
SCHIFF MD DAVID		1	1	1		2		1		1	2			1																		10	
SWALLOW MD JAMES			2		1		1							1																		5	
THOMAS MD JOHNOR		2									1		1																			4	

FROM DATE 1/01/2004 TO DATE 1/31/2004

ACTIVITY REPORT FOR - GOLDMAN AND GOLDMAN INC.

PAGE - 5

Y-T-D DETAIL BY PRIMARY PROCEDURE CODE

** GMRY92 **

DIAGNOSIS					OPERATIVE EPISODES										P C A R I S H I T D I S I T S D R G P A Y P A T I E N T																																																																
															H O G A E O Y I V I T C O D E T Y P N U M B E R																																																																
															Y N E C X U P S I C I S A																																																																
DIAG	DIAG	DIAG	DIAG	DIAG	H	DAY	PROC	PROC	PROC	MEDICAL	#	SURG	N	S	E	I	R	E	P	D	S	Y																																																									
9974	5601	2765	E8788	56400			8903	9929		529124875	1	799	X	084Y	W	F	14	17	H	10	7	188	C	11559069																																																							
5990	2765	2948	4019				8903	9921		520587242	225	1013		075Y	W	F	18	17	N	23	3	320	C	11562162																																																							
46619	486	7990					8903	9921		82983	225	1013		005Y	W	F	01	17	H	36	1	098	D	11562923																																																							
4280	49121	8248	82301	E8859			8903	9354		520448209	18	799	X	060Y	W	F	15	31	N	10	9	127	C	11558293																																																							
38600	2765	25063	3572	2724			8903			520429221	225	799		063Y	B	F	09	17	H	23	3	065	F	11562279																																																							
4139	41400	4019	7823				8903	9929		523462875	225	250		067Y	W	F	12	17	H	11	1	140	C	11563954																																																							
94224	30590	94524	94427	E9240			8903	9929		443840234	225	250		021Y	W	M	13	17	H	23	6	510	B	11560539																																																							
4280	496	42731	2948	71690			8903	9929		520185724	1	1013		079Y	W	F	13	17	N	10	10	127	C	11559002																																																							
49121	78609	7242	41400	4019			8903	9929		520180448		1050		081Y	W	M	21	17	H	10	4	088	C	11563640																																																							
71942	71902						8903	9929		533409861	225	1013	X	058Y	H	M	16	17	H	36	2	247	F	11564440																																																							
53550	2765	04186	53011	2720			8903	9607	9929	520241660	18	1050		075Y	W	M	11	17	H	23	2	182	C	11564630																																																							
42731	2724						8903	9929		520268097	18	799		073Y	W	M	01	17	H	36	1	139	C	11565181																																																							
- 63 *** - 8,828 COST- 4,767																																																																															
INSERT GASTRIC TUBE NEC																																																																															
5789	5609	2765	2449	2819			9607			520222083	50	1050		083Y	W	F	17	31	H	10	3	174	C	11561305																																																							
- 1 *** - 5,975 COST- 2,957																																																																															
CONT MECH VENT < 96 HRS																																																																															
486	49121	51881	4280	2384		5	9671	9604	9607	567589375	21	1021		059Y	W	F	16	17	H	11	11	475	F	11549631																																																							
							8903	9929			80																																																																				
- 1 *** - 45,133 COST- 24,265																																																																															
PACKED CELL TRANSFUSION																																																																															
2808	40391	4280	4386	7820			9904			520267106	250	250		089Y	W	F	13	31	H	10	3	395	C	11544160																																																							
81201	4280	E8889	3569	2859			9904			520162165	50	1050	X	082Y	W	F	13	17	S	10	7	253	C	11543881																																																							
							8903	9929			80																																																																				
5070	5990	0389	99591	1129			9904			520440702	50	1050		078Y	W	F	09	17	N	10	7	079	C	11547288																																																							
							8903	9929			80																																																																				
5772	2765	5771	2859	78701			9904			395464222	250	250	X	056Y	W	M	20	17	S	10	7	204	F	11549060																																																							
							8903	9929																																																																							
99889	E8788	2859					9904			520448561	13	1013		058Y	W	M	19	17	H	10	3	453	F	11558343																																																							
							8903				18																																																																				
2859	4280	57420	5533	41400			9904			398141478	250	250	X	092Y	W	F	06	31	H	10	2	395	C	11558509																																																							
5789	2800	25000	3051				9904			520848072	13	1013		044Y	H	M	16	17	H	11	3	174	A	11561818																																																							
							8903	9929			225																																																																				
99812	5990	V4364	E8781	2859			9904			520344243	799	799	X	068Y	W	F	00	17	S	36	5	452	C	11561396																																																							
							8903	9929			1																																																																				
- 8 *** - 13,875 COST- 7,313																																																																															
ALL PATIENTS					PATIENTS BY AGE										VARIABLE IN					DEATHS																																																											
					13 YEARS					14 YEARS					40 YEARS					65 YEARS					MALES																																																						
					& YOUNGER					TO 39 YRS					TO 64 YRS					& OLDER					%																																																						
					AUTOPSIED					PATS					CNSLT																																																																
PATS					DAYS					AVG					PATS					DAYS					PATS					DAYS					PATS					DAYS					TOTAL					AVG					TOTAL					AV					OPER														
121					386					3.2					9					18					36					81					39					157					37					130					42					3					3					119					21				

HIM
NAT20MENU: YTD REPORTS MENU
TITLE: YTD procedure physician indexMRYTD
Page 5.3

Procedure Physicians Index - Detail

MROP73

Service Class: OP SERVICES

Physician: GILSON OTTO A

EXAMPLE MEMORIAL HOSPITAL

MONITOR Physicians Performing Primary Procedures

From: 01/01/00 Thru: 02/28/00

Page: 1

Date: 06/20/01

DIAGNOSIS					OPERATIVE EPISODES								P	C	A	R	S	T	D	T	S	PAY	PATIENT	CHART							
													H	O	G	A	E	Y	I	I	T	TYP	NUMBER	NUMBER							
DIAG	DIAG	DIAG	DIAG	DIAG	DRG	DAY	PROC	PROC	PROC	PROC	PROC	SURG	N	S	E	E	P	S	Y												
600.	599.83	788.31			000	1/13	5732					244	683	070	W	M	2	01			1	M	3048741	27582							
																							SMITH ELMER								
597.81	595.3	599.7			000	1/13	5732					244	384	071	W	F	2	01			1	M	3048761	22661							
																							BAKER HENRIETTA								
600.	788.20	599.7	788.31		000	1/13	5732					244	386	087	W	M	2	01			1	M	3049440	22567							
																							CARTER SAMUAL								
599.7	302.72	607.89			000	1/13	5732					244	386	055	W	M	2	01			1	C	3049444	31869							
																							PETERSON NORMAN								
595.9	599.7				000	1/27	5732					244	81	050	W	F	2	01			1	C	3049919	12654							
																							ABBOTT MILLIE								
599.2	599.0				000	1/27	5732					244	14	070	W	F	2	01			1	M	3049923	11354							
																							ONEIL CARROLL D								
599.82	625.6				000	1/27	5972					244	384	076	W	F	2	01			1	M	3049926	61525							
																							DELUCA JUDY								
600.	788.31	302.72			000	1/27	5732					244	384	071	W	M	2	01			1	M	3049941	31690							
																							ROSS DOUG								
600.	599.7	788.31	790.93		000	2/10	5732					244	384	068	W	M	2	01			1	M	3051365	21347							
																							GELLER MONICA								
627.3	597.80	788.1			000	2/10	5732					244	386	065	W	F	2	01			1	M	3051487	16470							
																							GREENE RACHEL								
596.59	597.80	599.7			000	2/24	5732					244	384	017	W	F	2	01			1	C	3052355	40286							
																							XAVIER MARY N								
627.3	788.1	599.7	788.31		000	2/24	5732					244	683	056	W	F	2	01			1	C	3052623	35103							
																							CURTIS SARAH								
788.33	627.3	599.7			000	2/24	5732					244	386	080	W	F	2	01			1	M	3052723	13617							
																							JUTLEY BECKY								
627.3	599.0	788.1			000	2/24	5732					244	683	061	W	F	2	01			1	B	3052814	13611							
																							NOTTINGHAM SUE								
ALL PATIENTS					PATIENTS BY AGE								VARIABLE IN					DEATHS													
PROCEDURE PHYSICIAN					13 YEARS					14 YEARS			40 YEARS			65 YEARS			MALES		FEMLE										
					& YOUNGER					TO 39 YRS			TO 64 YRS			& OLDER			% %		AUTOPSID					PAT		CNSLT			
					PAT					DAYS		AVG		PAT		DAYS		PAT		DAYS		PAT		DAYS		TOTAL		% TOTAL		%OPER	
GILSON OTTO A					14 14 1.0					1 1		4 4		9 9		36 64							14								

EXECUTIVE SUMMARY

IN-PATIENT

FROM DATE-12/01/89

TO DATE-12/31/89

** HMRE80 **

DATE-3/14/90

EXECUTIVE SUMMARY FOR

PAGE-1

CLASSIFICATION OF PATIENTS						HOSPITAL PERFORMANCE INDICATORS									
			TOTAL ABSTRACTS (EXCLUDES STILLBORN)			C-SECTION RATE		DAYS IN CARE UNITS		PATIENTS DAYS					
			245			DELIVERED - 43		PEDIATRICS		16 51					
						C-SECTIONS - 3		MEDICINE		93 501					
						PERCENTAGE - 7.0		MEDICAL ICU		4 5					
								ENDOSCOPY							
GRAND TOTAL			245 988 4.0			OPERATED PATIENTS		TOTAL PER		23 HOUR HOLD		1 1			
EXCPT NEWBORN			202 899 4.5							ONCOLOGY SURGICAL		4 45			
EXCPT NEWBORN, OB			155 798 5.1												
						OPERATED		114 56.4		ONCOLOGY					
						OPERATED WITHIN 6 HRS		20		PLASTIC SURGERY					
						MORE THAN 1 EPISODE		13		EMERGENCY ROOM					
						NEWBORN CIRCUMCISION				PHU					
										URGENT CARE					
										ER PRIVATE PHYSICIAN					
						PATIENTS WITH CONSULTATIONS				SURGERY		16 71			
										SURGICAL PEDIATRICS		1 6			
						NUMBER		35		OPHTHALMOLOGY					
						PERCENT		14		E.N.T					
										ORTHOPEDICS		11 91			
						LENGTH OF STAY DATA									
						LESS THAN 1 DAY		1 OR 2 DAYS		3 TO 30 DAYS		OVER 30 DAYS			
						6		113		125		1			
						DATA BY DAY		ALL		MON		TUE			
										WED		THR			
										FRI		SAT			
										SUN					
						GEOMETRIC MEAN		4.2		4.0		3.1			
								3.0		3.9		4.2			
								4.1		3.8					
						% ADMITTED ON		14.8		16.8		20.0			
						% DISCHARGED ON		9.0		12.3		20.0			
						% OPERATED ON		15.7		18.9		19.7			
								14.2		15.0		10.2			
								6.3							
EXPECTED SOURCE OF PAYMENTS						TOP TEN DRGS									
PAYMENT SOURCE		#PATS	PER	DOLLARS	CASE MIX	DESCRIPTION		COUNT		WEIGHT					
MULTIPLE INSURANCE		1		3,619.65	.8132	NORMAL NEWBORN		41		.2191					
MEDICAID COINS		2	1	1,900.05	.2589	VAGINAL DELIVERY W/O COMPLICATING DIAGNOSES		34		.2987					
WORKMEN'S COMP I/P		1		878.80	.6501	SIMPLE PNEUMONIA & PLEURISY AGE >17 W CC		9		1.2056					
MEDICARE I/P		69	28	429,508.05	1.2236	ESOPHAGITIS, GASTROENT & MISC DIGEST DISORDERS AGE		8		.7414					
MEDICAID I/P		73	30	158,601.30	.6670	SPECIFIC CEREBROVASCULAR DISORDERS EXCEPT TIA		8		1.2260					
BLUE CROSS I/P		46	19	121,985.60	.7663	CARDIAC ARRHYTHEMIA & CONDUCTION DISORDERS W CC		6		.8707					
COMMERCIAL I/P		44	18	111,501.30	.6321	APPENDECTOMY W/O COMPLICATED PRINCIPAL DIAG W/O CC		5		.7922					
SELF PAY I/P		8	3	18,162.65	.6153	ANGINA PECTORIS		5		.6387					
SELF PAY O/P		1		1,538.90	1.2056	CIRCULATORY DISORDERS W AMI & C.V. COMP DISCH ALIV		5		1.6228					
						NUTRITIONAL & MISC METABOLIC DISORDERS AGE 0-17		4		.6768					
						TOTAL CHOLECYSTECTOMY W/O C.D.E. W/O CC		4		.9865					
						TOTAL CHOLECYSTECTOMY W/O C.D.E. W CC		4		1.7378					
						HEART FAILURE & SHOCK		4		1.0169					
						OTHER ANTEPARTUM DIAGNOSES W MEDICAL COMPLICATIONS		3		.3759					
						VAGINAL DELIVERY W COMPLICATING DIAGNOSES		3		.4540					
TOTAL-				847,696.30	.83384										

HIM
NAT230MENU: MONTHLY REPORT MENU
TITLE: Executive summary reportMRMNT
Page 12.3

Executive Summary (Med/Surg)

MROEB0

EXAMPLE FACILITY

PAGE 1

SERVICE CLASS: MEDICAL/SURGICAL

INPATIENT EXECUTIVE SUMMARY

1/31/01

PATIENT CLASS: INPATIENT

FROM 01/01/00 THRU 1/31/00

16.50.07

WITH SUMMARIZED HIGH DIAGNOSES AND PROCEDURES

CLASSIFICATION OF PATIENTS										HOSPITAL PERFORMANCE INDICATORS														
TOTAL					ADM	DSCH	DAYS	AVG	TOTAL	DIAGNOSED	158	C-SECTION RATE				DAYS IN CARE UNITS FOR DISCHARGES								
GRAND TOTAL					168	160	1016	6.4	(EXCLUDES STILLBORN)					PATIENTS DAYS										
EXCPT NEWBORN					148	140	986	8.4	STILL BORN					DELIVERED -		24	MEDICAL INPATIENT		58	628				
EXCPT NB, OB					119	111	934	8.4	AUTOPSIED					C-SECTIONS-		2	SURGICAL INPATIENT		48	296				
														PERCENTAGE-		8.3	NURSERY		20	30				
RACE					TOTAL	%	DISPOSITION			TOTAL	%					OB/GYNECOLOGY		29	52					
WHITE					-	159	94.6							OPERATED PATIENTS		TOTAL	%	PEDS (13 YRS & UNDER		5	10			
BLACK					-			ALIVE			158	98.8												
ASIAN					-			HOME/SELF CARE			112	70.0	OPERATED		133	89.9								
AM INDIAN					-			SHORT TERM HOSP			5	3.1	MORE THAN 1 EPISODE		30	*								
HISPANIC					-	8	4.8	SNF FACILITY			17	10.6	NEWBORN CIRCUMCISION		8	*								
OTHER					-	1	.6	ICF FACILITY			1	.6												
INVALID								OTHER FACILITY			13	8.1												
								HOME HEALTH			10	6.3												
SEX					TOTAL	%	AGAINST ADVICE						PATIENTS WITH CONSULTATIONS											
MALES					59	35.1	HOME IV PROVIDR																	
FEMALES					109	64.9	OTHER						NUMBER		48									
													PERCENT		30.0									
ADMISSION					TOTAL	%	EXPIRED			2	1.3													
EMERGENCY					60	35.7	POST - OP						LENGTH OF STAY DATA											
URGENT					36	21.4	DIED IN OR																	
ELECTIVE					52	31.0	CORONERS CASE						LESS THAN 1 DAY		1 OR 2 DAYS	3 TO 30 DAYS	OVER 30 DAYS							
NEWBORN					20	11.9	OTHER DEATH			2	1.3	3		66	90	1								
RE-ADMIT					8	4.8	NEONATAL DEATHS																	
PHYS REF					103	61.3																		
CLINIC REF					2	1.2	DEATH RATES			DEATH RATES				DATA BY DAY		ALL	MON	TUE	WED	THR	FRI	SAT	SUN	
HMO REF					3	1.8																		
TRFR FR HOS							GROSS			1.3	MATERNAL	GEOMETRIC MEAN		3.7	4.0	3.5	3.8	4.0	4.7	3.0	4.0			
TRFR FR SNF							NET			.6	AUTOPSY													
TRFR FR OTH							INFANT					% ADMITTED ON		26.9	31.9	15.1	18.5	17.6	13.4	17.6				
THRU ER					60	35.7						% DISCHARGED ON		25.2	24.3	27.0	14.4	27.0	9.0	17.1				
COU												% OPERATED ON		18.0	19.0	11.2	13.2	18.0	10.2	10.2				
EXPECTED SOURCE OF PAYMENTS										HIGH DIAGNOSES					HIGH PROCEDURES									
PAYMENT SOURCE					PRINCIPAL	%	SECONDARY			%	DESCRIPTION		TOTAL	DESCRIPTION		TOTAL								
MEDICARE					48	28.6					LIVEBORN INFANT/TYPE BIRTH		20	PHYSICAL THER RESPIR THER REHA		21								
HMO MEDICAID					34	20.2	8	4.8			PNEUMONIA & INFLUENZA		8	REPAIR & PLASTIC OPER ON JOINT		12								
HMO					27	16.1	24	14.3			NORM DEL-OTH INDIC FOR CARE		8	INC/EXC & ANASTOMOSIS OF INTES		11								
COMMERCIAL INS.					26	15.5	14	8.3			COMP OCCUR MAINLY IN COURSE		8	OPER ON STOMACH		9								
STATE MEDICAID					9	5.4	8	4.8			OTHER DIS OF INTESTINES & PE		7	OTH PROC INDUC/ASSIST DEL		9								
BLUE CROSS					6	3.6	4	2.4			OTH DIS OF DIGESTIVE SYSTEM		7	OTHER OBSTETRIC OPERATIONS		8								
CHAMPUS					5	3.0	1	.6			COMP MAINLY REL TO PREGNANCY		7	DIAGNOSTIC RADIOLOGY		6								
SELF PAY					5	3.0					ARTHROPATHIES & RELATED DISO		6	OPER ON APPENDIX		5								
WORKMEN'S COMP					1	.6					DORSOPATHIES		6	OPER ON GALL BLADDER & BILIARY		5								
OTHER					1	.6					DISLOCATION		6	OTHER DIAGNOSTIC RADIOLOGY & R		5								

PATIENT DAYS BY DOCTOR BY MONTH

SAMPLE REPORTS

IN-PATIENT

FROM DATE - 7/01/88

TO DATE 6/30/89

HMR7

DATE - 3/14/90

ADMISSION SUMMARY FOR

PAGE-1

PATIENT DAYS BY DOCTOR BY MONTH

EXPECTED SOURCE OF PAYMENTS							SUMMARY BY DOCTOR NAME					
PAYMENT SOURCE	CARRY	ADMIT	DISCG	HOUSE	TOTAL	DAYS	DOCTOR NAME	PATIENTS	DAYS	TRANS	TOTAL	PER/CENT
*		3	3		3	14	BEARD, JERIEL MD	110	509	0	509	4.6
MEDICARE BAD DEBTS		7	7		7	33	GUENTHER, F C MD	229	671	0	671	6.1
CHAMPUS I/P		11	22		22	35	CONRAD, JEROME MD	100	391	0	391	3.5
BC-65		3	3		3	16	DESNOYERS, GAIL	239	597	0	597	5.4
MEDICAID COINS		3	3		3	12	HUXOL, ROBERT DO	226	854	0	854	7.7
COMMERCIAL-HOLD		2	2		2	7	PERRY, PATTI MD	262	695	0	695	6.3
PATIENT PAY CARE OP		3	3		3	12	POTTER, DARRELL J	90	429	0	429	3.9
COMMERCIAL/MEDICARE		3	3		3	41	TRIEZENBERG, D MD	263	725	0	725	6.6
BR CREDIT BUREAU		2	2		2	3	PUSCZAK, GEORGE B	189	954	0	954	8.6
WORKMEN'S COMP I/P		14	14		14	47	RAMER, WILLIAM C	153	524	0	524	4.7
MEDICARE I/P	10	922	920	12	930	4622	REID, SUSAN M DO	178	551	0	551	5.0
MEDICAID I/P	2	535	534	3	536	1680	VANDEMARK, PETER	211	1012	0	1,012	9.2
BLUE CROSS I/P	7	531	532	6	536	1680	WOLCHLEGER, JOS	265	1167	0	1,167	10.6
COMMERCIAL I/P	4	426	426	4	430	1235	MEKARU, KATHRYN, MD	242	612	0	612	5.5
SELF PAY I/P		74	73	1	74	209	ADELBERG, MICHAEL MD	1	2	0	2	.0
MEDICARE O/P		1	1		1	2	KELLY, MICHAEL E	205	636	0	636	5.8
MEDICAID O/P		2	2		2	4	DUCKLES, EDWARD DO	18	76	0	76	.7
BLUE CROSS O/P	1	1		1	1		VIVODA, EDWARD MD	175	618	0	618	5.6
COMMERCIAL O/P		5	5		5	25	HENELT, EDMOND R MD	3	11	0	11	.1
SELF PAY O/P		2	2		2	6						
GRAND TOTAL	23	2552	2548	27	2570	9611	GRAND TOTAL	3159	11,034	0	11,034	

MEDICARE OVER 65		MEDICARE UNDER 65		DEATH STATISTICS		NEWBORN OCCUPANCY RATE		
PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	AVG%
875	4383	55	239	274	672	46	201	589 1423 43%

PATIENT DAYS BY DOCTOR BY MONTH

PHYSICIAN ADMITTING AND CENSUS

IN-PATIENT

FROM DATE - 7/01/88

TO DATE - 6/30/89

DATE- 3/14/90

ADMISSION SUMMARY FOR

PAGE-2

PATIENT DAYS BY DOCTOR BY MONTH

HMRAE7

MONTHLY OCCUPANCY RATES

OVERALL	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	GRAND TOTAL
	901	652	832	948	783	756	984	846	682	668	772	787	9611
	39%	31%	36%	43%	34%	34%	43%	7%	31%	29%	35%	34%	35%
DOCTOR NAME	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
BEARD, JERIEL MD	41	19	65	27	53	34	95	30	47	45	27	26	509
GUENTHER, F C MD	57	60	62	54	42	42	63	84	38	71	57	41	671
CONRAD, JEROME MD	42	18	17	33	16	60	45	39	34	33	35	19	391
DESNOYERS, GAIL	37	59	21	44	53	49	94	42	57	44	55	42	597
HUXOL, ROBERT DO	77	54	107	63	56	72	82	36	72	93	57	85	854
PERRY, PATTI MD	41	61	58	96	81	42	60	42	50	47	58	49	695
POTTER, DARRELL J	61	14	31	36	33	12	31	53	42	30	53	33	429
TRIEZENBERG, D MD	114	64	77	29	35	58	78	78	55	27	59	51	725
PUSCZAK, GEORGE B	77	55	58	89	115	118	63	72	42	101	51	113	954
RAMER, WILLIAM C	64	23	73	43	54	19	20	72	52	16	47	31	524
REID, SUSAM M DO	39	57	37	45	36	36	93	51	40	32	39	46	551
VANDEMARK, PETER	93	73	96	108	87	59	131	96	44	66	77	82	1012
WOLSCHLEGER, JOS	119	96	54	162	90	162	73	83	86	43	92	107	1167
MEKARU, KATHRYN MD	64	28	55	44	49	38	73	60	60	38	57	46	612
ADELBERG, MICHAEL MD												2	2
KELLY, MICHAEL E	59	58	88	97	17	34	37	53	56	52	45	40	636
DUCKLES, EDWARD DO							40	36					76
VIVOLDA, EDWARD MD	29	32	55	81	70	31	55	46	33	36	78	72	618
HENELT, EDMOND R MD				5								6	11
GRAND TOTAL	1014	771	954	1056	887	866	1133	973	808	774	907	891	11034

HIM
NAT20MENU: YTD REPORTS MENU
TITLE: YTD admissions by physicianMRYTD
Page 18.2

FROM DATE - 11/01/00 TO DATE - 11/30/00

** MROAE7 ** INPATIENT ADMISSION SUMMARY FOR EXAMPLE HOSPITAL
INPATIENT PATIENT DAYS BY DOCTOR BY MONTHPAGE 1
DATE 6/25/01

EXPECTED SOURCE OF PAYMENTS							SUMMARY BY PHYSICIAN					
PAYMENT SOURCE	CARRY	ADMIT	DISCG	HOUSE	TOTAL	DAYS	PHYSICIAN	PATIENTS	DAYS	TRANS	TOTAL	PER/CENT
MEDICARE	9	26	30	5	31	198	ALBERTON KAREN	13	96	0	96	22.0
MEDI-CAL	3	16	18	1	17	48	BROWN STEVEN	1	4	0	4	.9
SELF PAY	1	11	8	4	12	96	BAKERSFIELD CHUCK	4	22	0	22	5.0
INDUSTRIAL	2	1	3		3	7	DUMAT FRED	4	42	0	42	9.6
CMSP/MCMIP	2	1	2	1	3	20	BALLOTT JOHN	1	1	0	1	.2
INSURANCE	2	4	6		6	13	HOODMAT MICHAEL	2	7	0	7	1.6
BLUE CROSS/BLUE SHLD		3	2	1	3	32	GUONING ERIC S	8	33	0	33	7.6
PPO INSURANCE	2	8	10		10	22	FAHN DONALD	2	22	0	22	5.0
							MAHAT WILLIAM	7	8	0	8	1.8
							SERENSON JEFF	2	6	0	6	1.4
							SHELL DAVID	13	58	0	58	13.3
							WALLETT JAMES	5	43	0	43	9.9
							THOMAS RONALD	5	38	0	38	8.7
							WALLETT JOHN	4	8	0	8	1.8
GRAND TOTAL	21	70	79	12	85	436	GRAND TOTAL	85	436	0	436	
MEDICARE OVER 65		MEDICARE UNDER 65		MEDICAID NEWBORNS		DEATH STATISTICS		NEWBORN OCCUPANCY RATE				
PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	PATIENTS	DAYS	AVG%
29	185	2	13	6	9			11	15	6%		

HIM
NAT20MENU: YTD REPORTS MENU
TITLE: YTD admissions by physicianMRYTD
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FROM DATE - 11/01/00 TO DATE - 11/30/00

** MROAE7 ** INPATIENT ADMISSION SUMMARY FOR EXAMPLE HOSPITAL

PAGE 2

INPATIENT

DATE 6/25/01

MONTHLY OCCUPANCY RATES													
OVERALL	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	GRAND TOTAL
											421		421
	%	%	%	%	%	%	%	%	%	%	26%	%	27%
DOCTOR NAME	JAN	FEB	MARCH	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTAL
BAKERFIELD CHUCK											26		26
WALLETT JOHN											16		16
SCHELL DAVID											6		6
BALLOTT JOHN											12		12
SERENSON JEFF											10		10
THOMAS RONALD											9		9
ALBERTON KAREN											16		16
MAHAT WILLIAM											8		8

SUMMARY BY HOSPITAL PAYMENT

ACTIVITY REPORTS

IN-PATIENT

FROM DATE - 12/01/89

TO DATE 12/31/89

HMRE60

DATE - 3/14/90

ACTIVITY REPORT FOR

PAGE-1

SUMMARY BY HOSPITAL PAYMENT

	ALL PATIENTS			PATIENTS BY AGE								VARIABLE IN		DEATHS			
PAYMENT SOURCE	PATS	DAYS	AVG	13 YEARS & YOUNGER PATS DAYS	14 YEARS TO 39 YRS PATS DAYS	40 YEARS TO 64 YRS PATS DAYS	65 YEARS & OLDER PATS DAYS	MALES %						TOTAL AVG	TOTAL AV	PATS OPER	CNSLT
B MULTIPLE INS.	1	4	4.0			1	4							\$\$\$ 3,619.65		1	
D MEDICAID COINS	2	4	2.0	1	2	1	2							\$\$\$ 1,900.05		1	
W WORKMEN'S COMP I/P	1	1	1.0			1	1	100						\$\$\$ 892.30		1	
O MEDICARE I/P	69	446	6.5		2	10	5	28	62	408	38			4 6		25	22
1 MEDICAID I/P	73	239	3.3	32	86	31	118	10	35		33			\$\$\$ 160,519.80		40	1
2 BLUE CROSS I/P	46	141	3.1	11	24	20	48	15	69		41			\$\$\$ 123,265.60		21	9
3 COMMERCIAL I/P	44	125	2.8	14	31	18	43	11	47	1	4	59		\$\$\$ 112,877.80		22	3
4 SELF PAY I/P	8	27	3.4	2	3	4	7	2	17		38			\$\$\$ 18,216.65		3	
5 SELF PAY O/P	1	1	1.0					1	1	100				\$\$\$ 1,552.40			
GRAND TOTALS-	245	988	4.0	60	146	76	228	45	201	64	413	41		4 2		114	35
														856,371.80			

HIM
NAT230MENU: MONTHLY REPORT MENU
TITLE: Print all activity reportsMRMNTN
Page 1.4

Summary By Hospital Payment (Financial Class)

FROM DATE - 1/01/00 TO DATE - 1/31/00
 DATE - 6/27/01 ACTIVITY REPORT FOR - EXAMPLE MEMORIAL HOSPITAL
 GENERAL MEDICAL SUMMARY BY HOSPITAL PAYMENT

** MROE60 **
 PAGE - 1

	ALL PATIENTS			PATIENTS BY AGE								VARIABLE IN		DEATHS					
PAYMENT SOURCE				13 YEARS	14 YEARS	40 YEARS	65 YEARS	MALES	FEMLE										
				& YOUNGER	TO 39 YRS	TO 64 YRS	& OLDER	%	%	AUTOPSIED				PATS	CNSLT				
	PATS	DAYS	AVG	PATS	DAYS	PATS	DAYS	PATS	DAYS			TOTAL	%	TOTAL	%	OPER			
B BC/BS	3	5	1.7			3	5			67	33								
C COMMERCIAL INS	13	37	2.8	1	2	11	32	1	3	69	31					7			
D MANAGED CARE/CONTR	4	7	1.8	1	1	2	5	1	1	75	25					1			
F CHAMPUS/CHAMPVA/TRIC	1	1	1.0			1	1				100								
M MEDICARE	54	208	3.9			2	5	52	203	35	65	8	15	1	12	16			
N MEDICAID	9	23	2.6	1	2	2	3	6	18	33	67					3	1		
Z CHARITY (PENDING WO)	1	1	1.0		1	1				100									
GRAND TOTALS -	85	282	3.3	3	5	5	9	24	62	53	206	44	56	8	9	1	27	1	

TRANSFER LIST

MEDICAL RECORDS

IN-PATIENT

FROM DATE - 10/01/89 TO DATE - 12/31/89

DATE - 3/14/90

ACTIVITY REPORT FOR -

PAGE - 1

TIME - 16:54:41

TRANSFER LIST

HMY15

			DIAGNOSIS		P C A R S D T D S D S TRAN PAY PATIENT											
NAME	ADMIT	DISCHARGE	6	H DAY	SURG	H O G A E D Y I V I T SFER TYP NUMBER										
						Y N E C X A P S C S A DAYS										
						N S E T E P D H Y										
HUGHSTON, GARRETT	10/01/89	10/01/89				12	00D	W	M	07	AO	T	80	1	3	3219995
				300												95015
DAVIDSON, JAMES J	9/27/89	10/02/89		3 5794 INSET INDWELLING C 25	25	25	74Y	W	M	15	UT	T	10	5	0	3219821
				1541 MALIGNANT NEOPL REC												94718
ROBINSON, CANDY A	10/02/89	10/03/89				4	17Y	W	F	16	AO	T	76	1	1	3220209
				64123 PREM SEPAR PLAC-ANT												95034
BUSH, HERBERT L	9/28/89	10/05/89				93	X 86Y	W	M	01	UT	N	10	7	0	3219854
				5609 INTESTINAL OBSTRUCT												51863
RIPLEY, MAX K	10/04/89	10/06/89		9962 HEART COUNTERSHOCK 18	18	18	60Y	W	M	13	ET	T	11	2	0	3220415
				2 9962 HEART COUNTERSHOCK 18												
				4271 PAROX VENTRIC TACHY											138	61216
FULLER, VERN	10/01/89	10/09/89				9	83Y	W	M	22	US	N	10	8	0	3220134
				486 PNEUMONIA, ORGANISM											089	94262
KANEHL, RUTH C	10/05/89	10/09/89		8604 OTHER SKIN & SUBQ I 6	6	6	X 92Y	W	F	12	US	N	58	4	0	3220498
				73022 OSTEOMYELITIS NOS-U											238	53616
CARMICHAEL, CLARA B	10/08/89	10/09/89				9	X 56Y	W	F	14	UT	T	10	1	0	3220720
				5761 CHOLANGITIS											207	95195
KORYTKOWSKI, ARCHI	9/19/89	10/10/89		7 3491 THORACENTESIS 101	101	9	X 76Y	W	M	16	AO	N	10	21	0	3219193
				16 9904 PACKED CELL TRANS 9	9											
				4824 STAPHYLOCOCCAL PH											079	54674
BRUNNI, ELMER	10/04/89	10/11/89		1 9904 PACKED CELL TRANS 9	9	9	85Y	W	M	18	UT	N	10	7	0	3220464
				486 PNEUMONIA, ORGANI											089	95089
BROVICH, JOHN A	10/10/89	10/13/89				18	88Y	W	M	00	US	N	10	3	0	3220811
				486 PNEUMONIA, ORGANI											089	61843
PICKELL, ILA P	10/11/89	10/13/89				18	88Y	W	F	21	UT	N	10	2	0	3221033
				42789 CARDIAC DYSRHYTHM											138	68714
FULLER, VERN	10/09/89	10/17/89		2 7935 OPEN REDUC-INT FIX 6	6	9	X 83Y	W	M	20	UR	N	58	8	0	3220795
				82021 INTERTROCHANTERIC											210	94262
SCHIFFER, MARIE J	10/14/89	10/19/89		5794 INSERT INDWELLING 93	93	93	55Y	W	F	01	ET	T	11	5	2	3221165
				03842 E COLI SEPTICEMIA											416	53429
LUTERAN, GEORGE J	10/13/89	10/20/89		3 5122 TOTAL CHOLECYSTEC 18	18	18	X 84Y	W	M	14	US	N	10	7	0	3221124
				57410 CHOLELITH W CHOLE											197	79709
REED, CHARLES	10/06/89	10/24/89		8417 ABOVE KNEE AMPUTA 24	24	64	72Y	W	M	12	AS	N	40	18	0	3220514
				7854 GANGRENE											113	89429
HUTSON, CLARK J	10/19/89	10/24/89				25	72Y	W	M	07	ET	T	10	5	0	3221645
				41071 SUBENDO INFR-INIT											122	75592
BRISTOL, EVA M	10/23/89	10/25/89				9	79Y	W	F	12	AS	N	10	2	0	3221991
				4349 CEREBR ARTERY OCC											014	65540

		ALL PATIENTS		PATIENTS BY AGE				VARIABLE IN		DEATHS			
				13 YEARS & YOUNGER	14 YEARS TO 39 YRS	40 YEARS TO 64 YRS	65 YEARS & OLDER	MALES %			AUTOPSIED	PATS OPER	CNSLT
		PATS DAYS AVG		PATS DAYS	PATS DAYS	PATS DAYS	PATS DAYS				TOTAL AVG	TOTAL AV	
GRAND TOTAL		58 296 5.1		4 4	3 3	12 33	39 256	60					21 13

	ALL PATIENTS	PATIENTS BY AGE				VARIABLE IN		DEATHS		PATS OPER	CNSLT
		13 YEARS & YOUNGER PATS DAYS	14 YEARS TO 39 YRS PATS DAYS	40 YEARS TO 64 YRS PATS DAYS	65 YEARS & OLDER PATS DAYS	MALES %		TOTAL AVG	AUTOPSIED TOTAL AV		
GRAND TOTAL	58 296 5.1	4 4	3 3	12 33	39 256	60				21	13

HIM
NAT20MENU: MONTHLY REPORT MENU
TITLE: Incomplete diagnosis reportMRMNT
Page 8.2

MR0L71

Service Class: GENERAL MEDICAL

Physician: MARTIN WILLIAM

EXAMPLE MEMORIAL HOSPITAL
MONITOR Incomplete Diagnosis Report

Page: 1

Date: 06/27/01

			OPERATIVE EPISODES						P	C	A	R	S	H	T	D	S	S	TRAN	PAY	PATIENT																																																					
									H	O	G	A	E	O	Y	I	V	T	SFER	TYP	NUMBER																																																					
NAME	ADMIT	DISCHARGE							Y	N	E	C	X	U	P	S	C	A	DAYS																																																							
			DATE	PROC	PROC	PROC	PROC	PROC	SURG	N	S	E	R	E	P	D	Y																																																									
MOSES MARY KATHERINE	5/10/01	5/15/01								14		87	W	F	23	3	03	10	5	M	3092093																																																					
SPRINTER HELEN	5/11/01	5/17/01								14		77	W	M	48	3	04	22	6	M	3092193																																																					
ROGERS ANTONIETTA A	5/12/01	5/16/01								14		80	W	F	06	3	03	22	4	M	3092228																																																					
LEWIS MARION AUDREY	5/14/01	5/23/01								14		79	W	F	13	3	03	43	9	M	3092390																																																					
BENTON MARYANNA	5/18/01	5/21/01	5/18	9904					14	14		86	W	F	08	3	04	10	3	M	3092792																																																					
			5/21	4523					77																																																																	
BADWELL GENEVIEVA	5/18/01	5/22/01								14		80	W	F	22	3	03	10	4	M	3092900																																																					
GOSSETT JESSIE M	5/21/01	5/29/01	5/21	9904					14	14		86	W	F	21	3	01	10	8	M	3093101																																																					
HOLTON ELLENA C	5/21/01	5/24/01	5/21	9904					14	14		85	W	F	21	3	03	43	3	M	3093103																																																					
			5/23	4341	4523	4542			220																																																																	
BROWN CATHY MARIE	5/27/01	5/30/01								14		84	W	F	09	3	10		3	M	3093614																																																					
ALL PATIENTS			PATIENTS BY AGE						VARIABLE IN						DEATHS																																																											
DISCHARGING DOCTOR			13 YEARS						14 YEARS						40 YEARS						65 YEARS						MALES						FEMLE																																									
			& YOUNGER						TO 39 YRS						TO 64 YRS						& OLDER						%						%						AUTOPSIED						PATS						CNSLT																							
			PATS						DAYS						AVG						PATS						DAYS						PATS						DAYS						PATS						DAYS						TOTAL						% TOTAL						% OPER					
MARTIN WILLIAM			9						45						5.0																		9						45						11						89												3											

EXHIBIT C

Goldman 1979 Medical Records Report Programs

<u>Name</u>	<u>Layout</u>	<u>Description (Program name report prints)</u>
HMRA65	Daily Table	Census Days by Physician (HMRA90)
HMRA90	Daily Table	Census Days by Physician
HMRA95	Daily Table	Pts Admitted by Doctor by Day
HMRAE7	Monthly Table	Pt Days by Doctor by Month
HMRAEA	Monthly Table	YTD Census Days by Financial Class (HMRAE6)
	Monthly Table	YTD Census Days by Service Code (HMRAE6)
HMRAMS	Daily Table	Pts Admitted by Financial Class by Day (HMRA70)
	Daily Table	Pts Admitted by Service Code by Day (HMRA70)
HMRAS7	Monthly Table	Pts Admitted by Doctor by Month
HMRASA	Monthly Table	Y-T-D Admissions by Financial Class (HMRAS6)
	Monthly Table	Y-T-D Admissions by Service Code (HMRAS6)
HMRB50	Dx/Op Detail	Detail by Hospital Service Code
HMRBE5	Pt Dx Listing	Census Days by Service Code
	Pt Dx Listing	Census Days by Financial Class
	Pt Dx Listing	Census Days by Physician
HMRBES	Pt Dx Listing	Detail by Admission Summary List
HMRE20	Listing	Summary by Location by Service by Physician
HMRE35	Listing	Summary of Selcted Diagnoses
HMRE36	Listing	Summary of Selcted Diagnoses (HMRE36)
HMRE37	Dx/Op Detail	Selected Admitting Diagnosis
HMRE38	Listing	Summary of Selcted Procedures
HMRE50	Pt Categories	Summary by Hospital Service
	Pt Categories	Summary by Financial Class
	Pt Categories	Summary by Physician
HMRE71	Pt Dx Listing	Incomplete Diagnosis Report
HMRE71	Log	ER Admission Errors
HMRERL		
HMR50	Dx/Op Detail	Activity - Detail by Service Code
HMR50	Pt Dx Listing	Activity - Transfer List
	Pt Dx Listing	Activity - Left AMA List
	Pt Dx Listing	Activity - Readmitted List
	Pt Dx Listing	Activity - Detail Cancer List
	Pt Dx Listing	Activity - Detail Death List
	Pt Dx Listing	Activity - Detail Trauma List
	Pt Dx Listing	Activity - ER Admissions
MRRAMA	Daily Table	MTD Census Days by Financial Class (HMRA65)
	Daily Table	MTD Census Days by Service Code (HMRA65)
		Activity - Detail by Financial Class
		Activity - Detail by Physician

Goldman 1989 Report Samples (the Greentree booklet)

<u>Program</u>	<u>Layout</u>	<u>Name</u>	<u>Page</u>
DRG140	Other	30 Day Re-Admission List	6n
DRG150	Other	DRG Report by Physician (Medicare I/P)	8d,e
HCNB21	Other	Census by Adjustments (Nursing)	3c
HCNB22	Listing	Alphabetic Census Report (Nurses)	3a
HCNB28	Other	Doctor Census Report	2e
HCNBDN	Listing	Director of Nursing Census	3b
HLG030	Other	In-Patient Log Exception Report	6t
HLG032	Listing	In-Patient Report for Medicare I/P	6q
HLG033	Listing	In-Patient Unpaid List-Medicare I/P	6p
HLGDET	Other	Log Report	6o
HLGV10	Listing	Remittance Advice-Medicare I/P	6r
HMD032	Listing	Doctor Report by Doctor In-Patient Detail	8b
HMD051	Other	Doctor Report by Doctor In-Patient Summary	8c
	rpt missing	Patients Admitted by Service by Day	4b
HMRA55	rpt missing	Census Days by Hospital Service Code	4c
HMRA60	Daily Table	Patients Admitted by Financial Class by Day	5b
HMRA65	Daily Table	Census Days by Financial Class	5c
HMRA70	Daily Table	Patients Admitted by Dr by Day	2c
HMRA75	Daily Table	Census Days by Physician	2b
HMRAE5	Monthly Table	Y-T-D Census Days by Service Code	4a
HMRAE6	Monthly Table	Census Days by Financial Class	5a
HMRAE7	Monthly Table	Patient Days by Doctor by Month	2a
HMRBE5	Dx/Op Detail	Census Days by Service Code	4d
HMRBE6	Dx/Op Detail	Census Days by Financial Class-Medicare I/P	5d
HMRBE7	Dx/Op Detail	Census Days by Physician Admission Detail	2d
HMRDAY	Pt Categories	Daily Report of In-House Patients	6a
HMRE60	Pt Categories	Summary by Hospital Payment	6b
HMRE70	Pt Categories	Summary by Attending Dr	6c
HMRE72	Pt Categories	Summary by Surgeon	6d
HMRE80	Exec Summary	Executive Summary	1a
HMRE90	Pt Categories	Summary by DRG Code	6e
HMRP92	Dx/Op Detail	Detail by Primary Procedure Code	6i
HMRP93	Dx/Op Detail	Detail by Primary Diagnosis Code	6g
HMRP95	Dx/Op Detail	Detail by Selected Procedure Code	6j
HMRP96	Dx/Op Detail	Detail by Selected Diagnosis Code	6h
HMRP97	Dx/Op Detail	Detail by DRG Code	6k
HMRY10	Dx/Op Detail	Cancer Listing	7e
HMRY12	Dx/Op Detail	Death List	7d
HMRY13	Dx/Op Detail	Left AMA List	7c
HMRY15	Dx/Op Detail	Transfer List-Inpatient	7b
HMRY50	Dx/Op Detail	Detail by Service Code-Medicine	6l
		Detail by Financial Code	
		Detail by Physician	
HMRY60	Dx/Op Detail	Detail by Financial Class-Medicare I/P	6m
HMRY61	Dx/Op Detail	Incomplete Diagnosis Report - Medicare I/P	7a
HMRY70	Dx/Op Detail	Detail by Physician Code	6f

Goldman 1997 Medical Records Report Programs

<u>Name</u>	<u>Layout</u>	<u>Description</u>
GCNBAD	Pt Listing 2	Discharges by Date
GCNBDD	Pt Listing 2	Admissions by Date
GLGV12	Pt Log	Log Error Listing
GMRA50	Daily Table	Patients Admitted by Service with Newborn
GMRA55	Daily Table	Census Days by Service With Newborn
GMRA60	Daily Table	Patients Admitted by Financial Class by Day
GMRA60	Daily Table	Patients Admitted by Financial Class by Day
GMRA65	Daily Table	Census Days by Financial Class
GMRA70	Daily Table	Patients Admitted by Physician by Day
GMRA75	Daily Table	Census Days by Physician by Day
GMRA80	Daily Table	Census Report [no breakdown]
GMRA85	Daily Table	Census Report - Daily Admissions by Type
GMRA87	Daily Table	Census Report - Daily Admissions by Nursery
GMRA88	Daily Table	Census Report - Daily Admissions by Type of Care
GMRAE5	Monthly Table	Y-T-D Census Days by Service with Newborn
GMRAE6	Monthly Table	Y-T-D Admissions by Financial Class
GMRAE7	Monthly Table	Y-T-D Census Days by Physician
GMRAE5	Listing	Unbilled Patient Summary Report
GMRAE5	Listing	Unbilled Patient Detailed Report
GMRA55	Daily Table	Y-T-D Admissions by Service with Newborn
GMRA56	Daily Table	Y-T-D Admissions by Financial Class
GMRA57	Daily Table	Y-T-D Admissions by Physician
GMRA57	Listing	Y-T-D Admissions by Time
GMRA57	Listing	Y-T-D Admissions by Time by Day
GMRA57	Listing	Y-T-D Admissions by Time
GMRA57	Listing	Y-T-D Admissions by Time by Day
GMRA57	Pt Listing	Detail Admissions by Emergency Room
GMRA57	Listing	Detail Admissions by Transfusion
GMRA57	Listing	Border Baby Detail
GMRA57	Dx/Op Detail	Detail by Birth Defect
GMRA57	Listing	Bay to Mother Report
GMRA57	Pt Listing	Y-T-D Detail by Cancer Report
GMRA57	Listing	CCU Days by Patient
GMRA57	Pt Listing	Daily Patient Census

Goldman 1997 Medical Records Report Programs

<u>Name</u>	<u>Layout</u>	<u>Description</u>
GMRDAYOLD	Pt Listing	Daily Patient Census
GMRDE5	Pt Dx Detail	Census Days by Service Code
GMRDE6	Pt Dx Detail	Census Days by Financial Class
GMRDE7	Pt Dx Detail	Census Days by Physician
GMRDER	Dx/Op Detail	Detail Admissions by Emergency Room No Charge
GMRDF5	Dx/Op Detail	Detail Admissions Incomplete by Service Code
GMRDF6	Dx/Op Detail	Detail Admissions Incomplete by Financial Class
GMRDF7	Dx/Op Detail	Detail Admissions by Financial Class
GMRDF8	Dx/Op Detail	Detail Admissions by Physician
GMRE10	Listing	Y-T-D Planning Report [Employer by Service]
GMRE20	Listing	Y-T-D Planning Report [Service by Financial Class]
GMRE30	Planning Summary	Planning Report - Detail by Location by Primary Dx
GMRE30	Planning Summary	Planning Report - Summary by ZIP Codes
GMRE40	Listing	Y-T-D Discharge by ZIP
GMRE41	Listing	Y-T-D Discharge by ZIP by Resident/NonResident
GMRE50	Pt Categories	Y-T-D Summary by Service Code
GMRE60	Pt Categories	Y-T-D Summary by Financial Class
GMRE70	Pt Categories	Y-T-D Summary by Physician
GMRE72	Pt Categories	Y-T-D Summary by Surgeon
GMRE72	Pt Categories	Y-T-D Summary by Consultant (GMRE74)
GMRE80	Exec Summary	Executive Summary
GMRE80A	Exec Summary	Executive Summary by Admissions
GMRE81	Exec Summary	Executive Summary
GMRE82	Exec Summary	Executive Summary
GMRE85	Pt Categories	Summary by Zip Code List
GMRE8T	Exec Summary	Executive Summary without Transfers
GMRE90	Pt Categories	Y-T-D Summary by DRG
GMRE90X	Pt Categories	Y-T-D Summary by DRG - Revised
GMRE92	Other	Y-T-D Summary Procedure (of Top Procedures)
GMRE95	Pt Categories	Y-T-D Summary by CPT
GMRE97	Other	Y-T-D Summary by CPT (of Top CPT)
GMREER	Single Dx/Op Detail	E/R Patients Detail
GMRH70	Pt Categories	Y-T-D Summary by Attending Physician
GMRH80X	Exec Summary	Executive Summary - HIV/HIV Related

Goldman 1997 Medical Records Report Programs

<u>Name</u>	<u>Layout</u>	<u>Description</u>
GMRH8OZ	Exec Summary	Executive Summary - HIV Related
GMRHIV	Pt Categories	Y-T-D Detail by HIV
GMRHRL	Listing	Y-T-D Detail by HIV Related
GMRICU	Listing	ICU Days by Patient
GMLABC	Listing	Admissions by Lab Analysis
GMLABE	Listing	Admissions by Lab Patients (GMLABF)
GMLABF	Listing	Admissions by Lab Patients
GMRMOTH	Listing	Detail Mother Report
GMRPHUC	Listing	PHU Analysis
GMRPHUF	Listing	PHU Analysis
GMRPHYP	Listing	Revenue by Physician
GMRPT	Listing	Pt Days by Patient
GMRPTC	Listing	P/T Analysis
GMRPTF	Listing	P/T Analysis
GMRS92	Listing	Summary of Procedures
GMRS93	Two Col Listing	Summary of Principal Diagnosis
GMRS94	Two Col Listing	Summary of DRG
GMRS95	Two Col Listing	Summary of (top) CPT
GMRS96	Two Col Listing	Summary of CPT; CPT by Physician (GMR96X)
GMRS97	Listing	Y-T-D E/R Summary Report (of CPT Info)
GMRTMA	Pt Listing	Y-T-D Detail by Trauma Report
GMRTRN	Listing & Summary	Transfusion Report (HMRTRN) & Summary of Transfusion Related (HMRP96)
GMRY12	Pt Dx Detail	Y-T-D Cancer Listing (GMRY10)
GMRY12	Pt Dx Detail	Y-T-D Death Listing (GMRY12)
GMRY12	Pt Dx Detail	Y-T-D Left AMA Listing (GMRY13)
GMRY12	Pt Dx Detail	Y-T-D Trauma Listing (GMRY14)
GMRY12	Pt Dx Detail	Y-T-D Transfer Listing (GMRY15)
GMRY20	Dx/Op Detail	Y-T-D Patient Master Listing
GMRY50	Dx/Op Detail	Y-T-D Detail by Service Code
GMRY50U	Dx/Op Detail	Y-T-D Detail by Service Code
GMRY51	Dx/Op Detail	Y-T-D Detail by Service Code for Incomplete Diagnosis Codes
GMRY60	Dx/Op Detail	Y-T-D Detail by Financial Class
GMRY61	Dx/Op Detail	Y-T-D Detail by Financial Class for Incomplete Diagnosis Codes
GMRY70	Dx/Op Detail	Y-T-D Detail by Physician

Goldman 1997 Medical Records Report Programs

<u>Name</u>	<u>Layout</u>	<u>Description</u>
GMRY71	Dx/Op Detail	Y-T-D Detail by Physician for Incomplete Diagnosis Codes
GMRY72	Dx/Op Detail	Y-T-D Detail by Physician
GMRY72	Dx/Op Detail	Y-T-D Detail by Anesthesiologist
GMRY72	Dx/Op Detail	Y-T-D Detail by Surgeon
GMRY72	Dx/Op Detail	Y-T-D Detail by Consultant (GMRY74)
GMRY72	Dx/Op Detail	Y-T-D Detail by Mid-Level
GMRY72	Dx/Op Detail	Y-T-D Detail by Anesthesiologist
GMRY73	Dx/Op Detail	Y-T-D Detail by Surgeon Listing & Summary of Procedures
GMRY73	Dx/Op Detail	Y-T-D Detail by Consultant Listing & Summary of Procedures
GMRY73X	Dx/Op Detail	Y-T-D Detail by Consultant Listing & Summary of Procedures with Costs
GMRY73Y	Dx/Op Detail	Y-T-D Detail by Consultant Listing & Summary of Procedures with Costs
GMRY90	Dx/Op Detail	Y-T-D Tissue by Principal Procedure
GMRY90X	Dx/Op Detail	Detail by Selected Procedure Sub-Code & Summary
GMRY91	Dx/Op Detail	Detail by Selected Diagnosis Group & Summary
GMRY92	Dx/Op Detail	Y-T-D Detail by Primary Procedure Code & Summary
GMRY92X	Dx/Op Detail	Y-T-D Detail by Selected Primary Procedure Code & Summary
GMRY92Y	Dx/Op Detail	Y-T-D Detail by Selected Primary Procedure Code (no summary)
GMRY92Z	Dx/Op Detail	Y-T-D Detail by Selected Primary Procedure Code (no summary)
GMRY93	Dx/Op Detail	Y-T-D Detail by Primary Diagnosis Code
GMRY94	Dx/Op Detail	Y-T-D Detail by DRG Code
GMRY95	Dx/Op Detail	Y-T-D Detail by Selected Procedure Code & Summary
GMRY95X	Dx/Op Detail	Y-T-D Detail by Selected Procedure Code & Summary (GMRY95X)
GMRY96	Dx/Op Detail	Detail by Selected Diagnosis Code & Summary
GMRY97	Dx/Op Detail	Y-T-D Detail by Primary CPT Code & Summary
GMRY97Y	Listing	Y-T-D Detail by Primary CPT Code (no summary)
GMRY98	Dx/Op Detail	Y-T-D Detail by Selected Diagnosis Code
GMRY99	Dx/Op Detail	Y-T-D Detail by Selected CPT Code & Summary
GMRYDT	Listing	Detail Medical Records Charts
GMRYIN	Listing	Detail Insurance Filings
GMRYIX	Listing	Detail Insurance Filings
GMRYTD	Listing	Detail Patient Room Errors

Goldman Report Type	HMS DRP/LESG Programs			HMS Manual			Goldman 1979	Goldman Manual			Goldman 1989 - AS/400	Goldman 1987- Y2K Report		
	Number	Report	Date Written (first revision 1/29/86)	Chapter	Pages	Report Name		Program	Revision Date	Name	Page	Program	Notes	Program
Daily Table	MROA75	Pts Admitted by Service by Date	1/29/86	MRMNT	20.3	Inpatient Admission Summary by Service Code		MROA75	5/02			GMRA50	Census Days by Service With Newborn	
Daily Table	MROA95	Admissions Summary Report	6/9/83	MRMNT	20.2	Inpatient Admission Summary by Attending Physician						GMRA70	Patients Admitted by Physician by Day	
Daily Table	MROA96	Admissions Summary by Financial Class	6/9/83	MRMNT	20.2	Y-T-D Census Days by Financial Class		MROA96	5/02			GMRAE6	Y-T-D Admissions by Financial Class	
Monthly Table	MROA66	Admissions Summary by Financial Class	2/17/86	MRYTD	17.2	Inpatient Days by Financial Class		MROA66	8/01			GMRAE7	Y-T-D Census Days by Physician	
Monthly Table	MROA67	YTD Physicians Summary	2/17/86	MRYTD	18.2-3	Doctor by Month		MROA67	8/01			GMRAE7	Y-T-D Census Days by Physician	
Monthly Table	MROA68	YTD Admissions Summary by Hosp. Service Code Pt Info by DRG (from Work File)	2/17/86	MRYTD	16.2	Y-T-D Census Days by Service Code		MROA68	8/01			GMRAE5	Y-T-D Census Days by Service with Newborn	
--	MROD13		2/19/86	MRESEL	6.2	Patient Selection by DRG		MROD13	8/01					
Dx/OP Detail	MROE10	YTD Cancer Listing	2/11/86	MRYTD	9.2-3	Patient Origin Report		MROE10	8/01			GMRY12	Y-T-D Cancer Listing (GMRY10)	
Dx/OP Detail	MROE15	YTD Summary by Proc. w/ Totals	1/20/86	MRYTD	15.2	Tissue Listing - Summary		MROE15	8/01			GMRY12	Y-T-D Trauma Listing (GMRY14)	
Dx/OP Detail	MROE30	YTD Trauma Listing	2/11/86	MRYTD	16.2	Inpatient Detail Trauma Listing		MROE30	8/01					
Dx/OP Detail				MRYTD	13.2	Inpatient Detail Trauma Listing		MROE30	8/01					
Dx/OP Detail	MROE35	Disease Index for Selected Dx	2/13/86	MRESEL	1.2-3	Index/Summary of Selected Diagnoses		MROE35	8/01					
Dx/OP Detail				MRESEL	2.2	Index/Summary of Selected Procedures								
Dx/OP Detail	MROE38	YTD Operative Index by Selected Procedure	2/13/86	MRESEL	1.10	Detail Death Listing		MROE38	4/05					
Dx/OP Detail	MROE40	YTD Death Report	2/10/86	MRMNT	15.2	Detail Death Listing		MROE40	7/04					
Dx/OP Detail				MRYTD	14.2	Detail Death Listing		MROE40	8/01					
Pt Categories	MROE50	YTD Summary by Hospital Service	2/10/86	MRMNT	1.2	Summary by Hospital Service		MROE50	7/04			GMRE50	Y-T-D Summary by Service Code	
Pt Categories				MRMNT	13.2	Summary by Hospital Service		MROE50	8/01			GMRE50	Y-T-D Summary by Service Code	
Pt Categories				MRYTD	6.2	Summary by Hospital Service		MROE50	8/01			GMRE50	Y-T-D Summary by Service Code	
Pt Categories	MROE60	Summary by Payment Code (Financial Class)	2/10/86	MRMNT	1.4	Summary by Hospital Payment		MROE60	7/04			GMRE60	Y-T-D Summary by Financial Class	
Pt Categories				MRMNT	14.3	Summary by Hospital Payment		MROE60	8/01			GMRE60	Y-T-D Summary by Financial Class	
Pt Categories				MRYTD	7.2	Summary by Hospital Payment		MROE60	8/01			GMRE60	Y-T-D Summary by Financial Class	
Exec Summary	MROE80	YTD Executive Summary	2/10/86	MRMNT	1.11	Inpatient Executive Summary Med/Surg		MROE80	7/04			GMRE80	Executive Summary	
Exec Summary				MRMNT	1.12	Inpatient Executive Summary Psych		MROE80	7/04			GMRE80	Executive Summary	
Exec Summary				MRMNT	12.3	Inpatient Executive Summary Med/Surg		MROE80	7/04			GMRE80	Executive Summary	
Exec Summary				MRMNT	12.4	Inpatient Executive Summary Psych		MROE80	7/04			GMRE80	Executive Summary	
Exec Summary				MRYTD	12.3	Inpatient Executive Summary Med/Surg		MROE80	7/04			GMRE80	Executive Summary	
Exec Summary				MRYTD	12.4	Inpatient Executive Summary Psych		MROE80	7/04			GMRE80	Executive Summary	
Exec Summary												GMRE80	Executive Summary	
Dx/OP Detail	MROE90	YTD Summary by Proc. W/ Totals	1/20/86	MRMNT	1.9	Operative Index Summary		MROE90	7/04			HMRE80	Executive Summary	
Dx/OP Detail				MRMNT	4.2	Operative Index - Summary		MROE90	8/01					
Dx/OP Detail				MRYTD	2.2	Operative Index - Summary		MROE90	8/01					

Goldman Report Type	Substantially Similar Reports and the Programs that Produce Them				Goldman 1979	Goldman Manual			Goldman 1989 - AS/400	Program	Report
	Number	HMS DRPG/ESRC Programs Report	Date Written	Chapter Pages	HMS Manual Report Name	Program	Revision Date	Name	Page	Program	Report
Dx/OP Detail	MROE91	Activity Detail by Primary Diagnosis	1/18/86	MRMNTH 1.8	Disease Index	MROE91	7/04				
Dx/OP Detail				MRMNTH 3.2	Disease Index - Detail	MROE91	8/01				
Dx/OP Detail				MRYTD 8.2	Disease Index - Detail	MROE91	8/01				
Dx/OP Detail	MROE92	YTD Detail by Proc.	2/10/86	MRYTD 9.2-.3	Operative Index - Detail	MROE92	8/01				
Dx/OP Detail	MROE93	Detail Disease Index Deficiency Letters	2/11/86	MRYTD 1.2	Disease Index- Summary	MROE93	8/01				
--	MROL11	Activity Summary by Attending Physician	6/13/88								
Pt Categories	MROL70		1/17/86	MRMNTH 1.6	Physician's Index - Summary	MROL70	7/04	Summary by Attending Doctor	6c	HMR70	
Pt Categories				MRMNTH 5.2	Physician's Index - Summary	MROL70	8/01				
Pt Categories				MRYTD 3.2	Physician's Index - Summary	MROL70	8/01				
Pt Dx Detail	MROL71	Incomplete Diagnosis Listing	3/12/86	MRMNTH 8.2	Incomplete Diagnosis Report	MROL71	8/01	Incomplete Diagnosis Report	7a	HMR71	2nd cols. Differ
Pt Categories	MROL72	Activity Summary by Referring Physician	1/17/86	MRMNTH 6.2	Referring Physician's Index - Summary	MROL72	8/01				
Pt Categories				MRYTD 4.2	Referring Physician's Index - Summary	MROL72	8/01				
Pt Categories	MROL73	Activity Summary by Physician Performing Primary Procedure	not given (first revision 5/4/93)	MRMNTH 7.2	Procedure Physician's Index - Summary	MROL73	8/01				
Pt Categories				MRYTD 5.2	Procedure Physician's Index - Summary	MROL73	8/01				
--	MROM32	Purge Abstract Report	6/27/88	MRFELEZ 21.2.4	Purged Abstract Detail by Hospital	MROM32	6/03				
Dx/OP Detail	MROP50	Activity Summary by Hospital Service	1/15/86	MRMNTH 1.3	Service Detail by Hospital	MROP50	7/04				
Dx/OP Detail				MRMNTH 13.3	Service Detail by Hospital	MROP50	8/01				
Dx/OP Detail	MROP60	Activity Summary by Payment Code	1/16/86	MRMNTH 1.5	Payment Inpatient Detail by Payment Source	MROP60	7/04				
Dx/OP Detail				MRMNTH 14.2	Code Physician's Index - Detail	MROP60	8/01				
Dx/OP Detail	MROP70	Detailed Activity by Attending Physician	1/17/86	MRMNTH 1.7	Physician's Index - Detail	MROP70	7/04				
Dx/OP Detail				MRMNTH 5.3	Physician's Index - Detail	MROP70	8/01				
Dx/OP Detail				MRYTD 3.3	Physician's Index - Detail Report	MROP70	8/01				
Dx/OP Detail	MROP72	Detailed Activity by Referring Physician	1/17/86	MRMNTH 6.3	Referring Physician's Index - Detail	MROP72	8/01				
Dx/OP Detail				MRYTD 4.3	Referring Physician's Index - Detail	MROP72	8/01				
Dx/OP Detail	MROP73	Activity Summary by Physician Performing Primary Procedure	5/4/93	MRMNTH 7.3	Procedure Physician's Index - Detail	MROP73	8/01	Detail by Physician Code	6f	HMR70	
Dx/OP Detail				MRYTD 5.3	Procedure Physician's Index - Detail	MROP73	8/01				
--				DEFMNU 23.20.2	Purged Chart Deficiency List	MROP95	5/02				
--	MROD01	High Diagnoses Listing	6/23/86	MRODNL 20.2	Denial Tracking Purged Record List	MROP96	4/01				
--				MRYTD 10.2	High Diagnosis	MROD01	8/01				
--	MROD02	High Procedure Listing	6/23/86	MRYTD 11.2	High Procedure Listing	MROD02	8/01				

Goldman Report Type	HMS DRPG/ESRC Programs			HMS Manual			Goldman 1979	Goldman Manual			Goldman 1989 - AS/400	Program	Goldman 1997- Y2K Report
	Number	Report	Date Written	Chapter	Pages	Report Name	Revision Date	Name	Page	Program			
-	MROR68	NC State Reporting File	4/3/91										
-	MROR69	NC State Reporting Edit	4/8/91										
-	MROR70	NC State Reporting File	4/16/91										
-	MROR71	Pt Readmission Listing	5/10/91	MRSEL	10.2	Readmitted Patients List	MROR71 9/02						
-	MROR72	Abstracts in Age Sequence	10/9/92	MRSEL	11.2	Patient Listing by Selected Age	MROR72 8/01						
-	MROR73	Pt List Admissions by Service Class	7/2/93	MRSEL	12.3	Patient Listing by Service Class	MROR73 8/01						
-	MROR74	Pt List Discharges by Service Class	7/2/93										
-	MROR75	List Rehab Impairment Groups w/ Dx and HSV Refs.	10/18/94										
-	MROR76	List Rehab Impairment Groups w/ Linked Dx Codes	10/18/94	MRFILE	11.12.2	UDS Impairment Groups/ Associated ICD9 Diagnosis	MROR76						
-	MROR77	List Rehab Impairment Codes	10/18/94	MRFILE	11.11.2	UDS Impairment Codes	MROR77						
-	MROR78	NC State Reporting File, Ambulatory Surgery	3/23/94										
-	MROR79	NC State Reporting File	3/28/94										
-	MROR80	NC State Reporting File	3/23/94										
-	MROR90	Chart Number Listing	7/24/95	REFMANU2	1.2	CMG Case Mix Index Patient Chart	MROR83 4/05						
Dx/Op Detail	MROR90	YTD by Hospital Service Code	7/24/95	MRFILE2	20.6.2	Number Listing Detail by Service	MROR90 5/02						
-	MROR90	YTD by Hospital Service Code	2/1/86	MRSEL	4.2	Code	MROR90 8/01						
-	MROR90	YTD by Financial Class	2/1/86	MRSEL	5.2	Detail by Financial Class	MROR90 8/01						
-	MROR90	YTD by Attending Physician	2/1/86	MRSEL	3.2	Physician's Index Hospital Service	MROR90 8/01						
-	MROR90	YTD by Attending Physician	2/1/86	MRFILE2	20.3.2	Codes	MROR90 8/01						
-	MROR90	YTD by Attending Physician	2/1/86	MRFILE2	20.3.2	Unresolved	MROR90 8/01						
-	MROR90	YTD by Attending Physician	2/1/86	DEFMANU	21.4	Deficiency Summary	MROR90 7/04						
-	MROR90	YTD by Attending Physician	2/1/86	MRFILE2	20.8.2	Medical Records User Release of Information Detail	MROR90 5/02						
-	MROR90	YTD by Attending Physician	2/1/86	MRMANTH	13.8	Leave of Absence History	MROR90 6/03						
-	MROR90	YTD by Attending Physician	2/1/86	MRMANTH	17.2	801 Selection Error	MROR90 12/02						
-	MROR90	YTD by Attending Physician	2/1/86	MRMANTH	21.3-5	ICD-9 Procedure Descriptions	MROR90 5/02						
-	MROR90	YTD by Attending Physician	2/1/86	MRFILE2	20.5.2	Case Mix Index by DRG	MROR90 12/02						
-	MROR90	YTD by Attending Physician	2/1/86	DRGMNU	1.2	Physician Profile by DRG	DRG106 7/04						
-	MROR90	YTD by Attending Physician	2/1/86	DRGMNU	4.2	Physician Cost	DRG120 4/01						
-	MROR90	YTD by Attending Physician	2/1/86	DRGMNU	5.2	Physician Cost Analysis by DRG	DRG111 4/01						
-	MROR90	YTD by Attending Physician	2/1/86	DRGMNU	5.3	Physician Cost Analysis by DRG - Summary	DRG112 4/01						
-	MROR90	YTD by Attending Physician	2/1/86	DRGMNU	6.2-3	Physician Analysis by DRG	DRG100 4/01						
-	MROR90	YTD by Attending Physician	2/1/86	DRGMNU	7.2-3	Physician Analysis by DRG	DRG103 4/01						
-	MROR90	YTD by Attending Physician	2/1/86	DRGMNU	8.2-3	Physician Analysis by DRG	DRG107 4/01						

Goldman Report Type	HMS ORPGLSRC Programs		Substantially Similar Reports and the Programs that Produce Them				Goldman 1979		Goldman Manual		Notes	Goldman 1989 - AS/400	Program	Goldman 1997-Y2K Report
	Number	Report	Date Written	Chapter	Pages	HMS Manual Report Name	Program	Revision Date	Name	Page	Program			
-				DRGMNU	9.2	Hospital Cost Containment Report	DRG119	none						
-				DRGMNU	10.2-3	DRG Analysis by Month MDC Analysis by Physician/Payer	DRG108	4/01						
-				DRGMNU	11.2-3	Class DRG Analysis by Physician/Payer	DRG110	4/01						
-				DRGMNU	11.4-.5	Class DRG Analysis by Physician/Payer	DRG109	4/01						
-				DRGMNU	12.2	Patient DRG Analysis by	DRG101	4/01						
-				DRGMNU	16.10	DRG Descriptions	DRGP05	4/05						
-				APCMNU	1.2	Outpatient Case Mix by APC	APC102	6/03						
-				APCMNU	16.12	APC Descriptions Insurance Log	APCP05	12/02						
-				APCMNU	20.4	Recomputed Payments	APCB04	8/01						

HMS Medical Records Report Programs

Number	Report	AUTHOR/Converted-		Notes
		Changed by	Date Written	
MROA75	Pts Admitted by Service by Date	GIVENS	not given	
MROA95	Admissions Summary Report	GIVENS	6/9/83	
MROA96	Admissions Summary Report	GIVENS	6/9/83	"Attending Physician" rather than "Doctor Name"
MROAE6	Admissions Summary by Financial Class	Milkwick	2/17/86	
MROAE7	YTD Physicians Summary	Milkwick	2/17/86	
MROAE8	YTD Admissions Summary by	Milkwick	2/17/86	
MROD13	Hosp. Service Code	Amm	2/19/86	
MROE10	Pt Info by DRG (from Work File)	Milkwick	2/11/86	
	YTD Cancer Listing			
MROE15	YTD Summary by Proc. w/ Totals	not given	1/20/86	
MROE16	YTD Planning Report	Milkwick	2/11/86	
MROE30	YTD Trauma Listing	Milkwick	2/11/86	
MROE35	Disease Index for Selected Dx	Milkwick	2/13/86	
	YTD Operative Index by Selected			
MROE38	Procedure	Milkwick	2/13/86	
MROE40	YTD Death Report	Milkwick	2/10/86	
MROE50	YTD Summary by Hospital Service	Milkwick	2/10/86	
	Summary by Payment Code			
MROE60	(Financial Class)	Milkwick	2/10/86	
MROE80	YTD Executive Summary	Milkwick	2/10/86	
MROE90	YTD Summary by Proc. W/ Totals	Milkwick	1/20/86	Updated version of MROE15
	Activity Detail by Primary			
MROE91	Diagnosis	Milkwick	1/18/86	
MROE92	YTD Detail by Proc.	Milkwick	2/10/86	
MROE93	Detail Disease Index	Milkwick	2/11/86	differs from MROE91 in format
MROL11	Deficiency Letters	REID	6/13/88	
	Activity Summary by Attending			
MROL70	Physician	Milkwick	1/17/86	
MROL71	Incomplete Diagnosis Listing	Milkwick	3/12/86	

HMS Medical Records Report Programs

Number	Report	AUTHOR/Converted- Changed by	Date Written	Notes
MROL72	Activity Summary by Referring Physician	Milkwick	1/17/86	
MROL73	Activity Summary by Physician		not given (first	
MROM32	Performing Primary Procedure	LOGAN	revision 5/4/93)	
	Purge Abstract Report	REID	6/27/88	
MROP50	Activity Summary by Hospital Service	Milkwick	1/15/86	
MROP60	Activity Summary by Payment Code	Milkwick	1/16/86	
MROP70	Detailed Activity by Attending Physician	Milkwick	1/17/86	
MROP72	Detailed Activity by Referring Physician	Milkwick	1/17/86	
MROP73	Activity Summary by Physician			
MROR01	Performing Primary Procedure	LOGAN	5/4/93 Copied from MROL72; date range rather than month end	
MROR02	High Diagnoses Listing	MILKWICK	6/23/86	
MROR03	High Procedure Listing	MILKWICK	6/23/86	
MROR04	Charges per Dx Report	MILKWICK	7/3/86	
	Charges by Procedure Report	MILKWICK	7/3/86	
MROR05	Moonlither Rpt for Pts Admitted by Doctors not on Staff	MILKWICK	7/8/86	
MROR07	List Deficiency Codes	CHAFFIN	12/8/87	
MROR08	List Denial Tracking Reason Codes	PRESPARA	6/14/02	
MROR11	Print Deficiency Letters	REID	6/7/88 but first date changed 2/21/88 by Amm	
MROR12	Consulting Physicians Report	REID	4/1/88	
	Selected Consulting Physicians Report			
MROR13	Selected Consulting Surgeon Report	REID	4/1/88	
MROR14	Released Charts Report	REID	4/1/88	
MROR15	Charts Released/Not Returned	REID	5/5/88	
MROR16	Report	REID	5/5/88	
MROR17	Charts Released/Overdue Report	REID	5/5/88	

HMS Medical Records Report Programs

Number	Report	AUTHOR/Converted- Changed by	Date Written	Notes
MROR18	Frozen Charts Report	REID	5/5/88	
MROR19	Requested Charts Report	REID	5/5/88	
MROR20	Admissions Register Report	BUNCH		Bunch was with AMC; Milkwick converted 3/11/86
MROR21	Returned Charts Report	REID	not given	
MROR22	Chart Deficiency Listing	REID	5/5/88	
MROR23	Deficiency Letters & Report	LOGAN	6/14/88	
MROR24	Deficiency Report Setup Letter	MASSIE	2/5/92	copied from MROR23
MROR26	Deficiency by Patient	MASSIE	not given	
MROR27	Deficiency Chart Report	JKW	not given	
MROR28	Deficiency Chart Aging Report	JKW	2/28/02	
MROR30	Chart Status Location Listing	EXLEY	3/1/02	
MROR301	Chart Status Location Listing	EXLEY	2/21/98	
			1/21/98	
MROR31	Reconsideration of Review Listing, Prelim. Review to Reconsideration	REID	5/20/88	
MROR32	Reconsideration of Review Listing, Reconsideration to Appeal	REID	5/23/88	
MROR33	Reconsideration of Review Listing, Appeal to Reconsideration	REID	5/23/88	
MROR34	Determination Reason for Review Report	REID	5/23/88	
MROR35	Reason for Review Trend Analysis	REID	5/25/88	
MROR36	Denied Claims by Payor	SHERWOOD	2/22/01	
MROR37	FL HCCB Case Mis Report	LOGAN	3/23/92	
MROR38	Print Master File	HANCOCK	11/14/88	
MROR39	Denials Detail List	LOGAN	5/11/89	
MROR40	Deficiencies by Doctor	LOGAN	5/12/89	
MROR41	Charts Reviewed by Doctor	LOGAN	5/24/89	
MROR42	Deficiencies by Pt Number	LOGAN	5/25/89	
MROR43	CPT Code File Listing	HANCOCK	12/22/88	
MROR44	Pt Class Codes & Descriptions	LOGAN	6/1/90	
MROR45	Deficiencies for Single Pt	LOGAN	1/21/92	

HMS Medical Records Report Programs

Number	Report	AUTHOR/Converted- Changed by	Date Written	Notes
MROR46	Deficiencies by Responsibility Type	LOGAN	1/27/92	
MROR47	Deficiencies by Responsibility Type by Various Selections	LOGAN	7/1/92	
MROR48	Deficiencies for Single Pt	LOGAN	4/7/03	copied from MROR45
MROR49	Deficiencies by Responsibility Type by Various Selections	WISE	4/8/03	
MROR49A	List DSM4 Dx Codes	LOGAN	12/8/92	
MROR50	Print Release Form	CTE	9/17/97	
MROR51	Psych Hospital Attestation	LOGAN	2/9/93	
MROR52	Print Release Form	JMM	1/23/02	copied from MROR50
MROR53	Print Admissions Register	GIVENS	2/5/90	
MROR57	Returned Charts List	EXLEY	1/6/98	
MROR572	Returned Chart Listing	CTE	1/6/98	
MROR573	Returned Chart Listing	CTE	1/6/98	
MROR574	Returned Chart Listing	MLM	2/8/02	replaces MROR573 & 574
MROR58	YTD Operative Index by Selected CPT Procedure	JRS	4/8/32	date typo?
MROR59	Coder/Finalizer Productivity Report	JRS	8/22/03	MRSEL 14
MROR61	Inpatient Zero Discharge Date List	LOGAN	10/15/90	
MROR62	Ins. Pts with no Ins. Company	LOGAN	11/14/90	
MROR63	List Abstract	LOGAN	11/14/90	
MROR64	FL Reporting for Ambulatory Surgery	LOGAN	1/3/91	
MROR66	Admissions Register List Abstract with Invalid ADM	HARLOW	8/21/85	
MROR67	Physician	LOGAN	2/20/91	
MROR68	NC State Reporting File	LOGAN	4/3/91	
MROR69	NC State Reporting Edit List	LOGAN	4/8/91	
MROR70	NC State Reporting File	LOGAN	4/16/91	date range
MROR71	Pt Readmission Listing	LOGAN	5/10/91	

HMS Medical Records Report Programs

Number	Report	AUTHOR/Converted- Changed by	Date Written	Notes
MROR72	Abstracts in Age Sequence	LOGAN	10/9/92	
	Pt List Admissions by Service			
MROR73	Class	LOGAN	7/2/93	
	Pt List Discharges by Service			
MROR74	Class	LOGAN	7/2/93	
	List Rehab Impairment Groups w/ Dx and HSV Refs.	LOGAN	10/18/94	
MROR75	List Rehab Impairment Groups w/ Linked Dx Codes	LOGAN	10/18/94	
MROR76	List Rehab Impairment Codes	LOGAN	10/18/94	
MROR77	NC State Reporting File,			
MROR78	Ambulatory Surgery	COOPER	3/23/94	
MROR79	NC State Reporting File	COOPER	3/28/94	
MROR80	NC State Reporting File	EXLEY	3/23/94	
MROR90	Chart Number Listing Report	COOPER	7/24/95	
MROY50	YTD by Hospital Service Code	Milwick	2/1/86	
MROY60	YTD by Financial Class	Milwick	2/1/86	
MROY70	YTD by Attending Physician	Milwick	2/1/86	